

# Chapter 2

## Creating Textual Communication



977CH02

Tanya and Rishi had gone to a book fair. They had a great time there. They wanted to share their experiences with others. So, they decided to record their experiences. Let us see how Tanya and Rishi recorded their experiences. Consider Fig. 2.1 given below and put



Fig. 2.1: Book Fair

yourself in place of Tanya and Rishi and think what information may be shared with others about the book fair.

***What information I would like to share with others?***

- *How many stalls are there in the book fair?*
- *Which category of books did we like the most?*
  - *Who were the publishers of those books?*

Let us see in Figs. 2.2 and 2.3 how they presented their experiences.

Report

**Visit to Book Fair**



Recently I visited the World Book Fair, held from 6th-14th January, in Pragati Maidan. It was an extremely enjoyable experience for me along with my friends. The book lovers considered it a paradise and those who weren't so fond of books, found themselves pulled towards the endless varieties of books.

Stephen King famously said that "Books are a uniquely portable magic."

As the entire venue was overflowing with books of all kinds- comics, classics, pop-up books for children and many more, we could feel the magical essence of stories tempting us to flip through the pages of several novels.

The various genres that we came across include:

- Classics
- Crime and Murder
- Mystery
- Romance
- Adventure,

It is always fun to make new memories, capture them in photos and share them with everyone else. The students also found some books that intrigued them so much that they wanted the books to be a part of the school library collection.

It is rightly said that reading is dreaming with your eyes open! Our visit to the book fair simply reminded all of us, students and teachers alike, to never give up the habit of reading. We must always keep the magical essence of books, alive in our lives.

**WE HAD LOT OF FUN!!!!!!**

Fig. 2.2: Tanya's Report



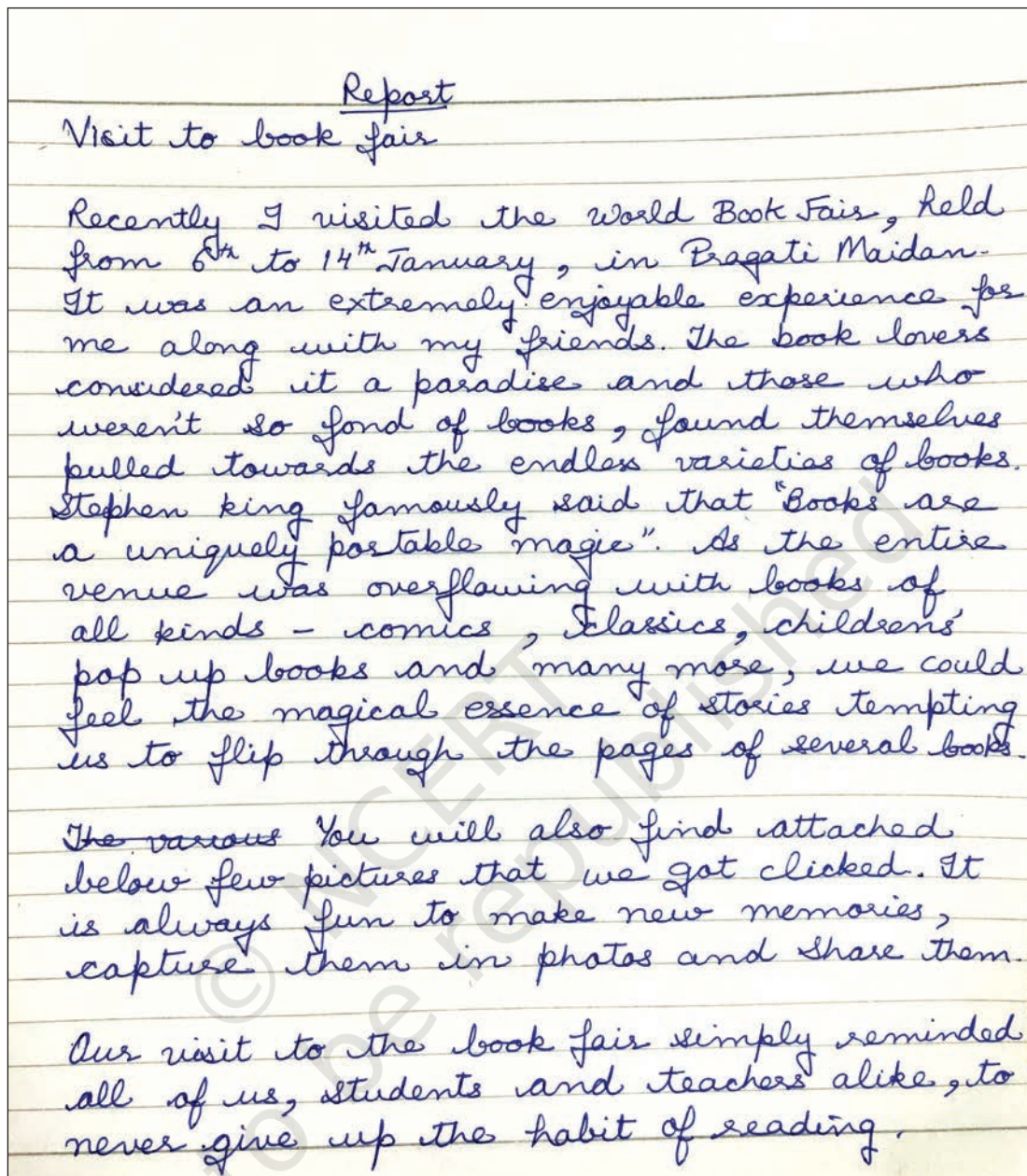


Fig. 2.3: Rishi's Report

Rishi was amazed to see Tanya's report. It contained text of varied colour, style and size. It also had a picture and certain symbols before each category of books. Tanya had communicated her ideas and thoughts in an organised, systematic, effective and presentable manner through her report. Rishi asked Tanya how could she communicate her thoughts so effectively?

*Tanya:* Rishi, you should know that there are digital tools which can be used to create effective and digital documents.

You can delete the errors and also take multiple copies of a digital document. My elder sister helped me to create this document using a word processor (LibreOffice Writer 5.1.6.2) on a computer (fig. 2.4).

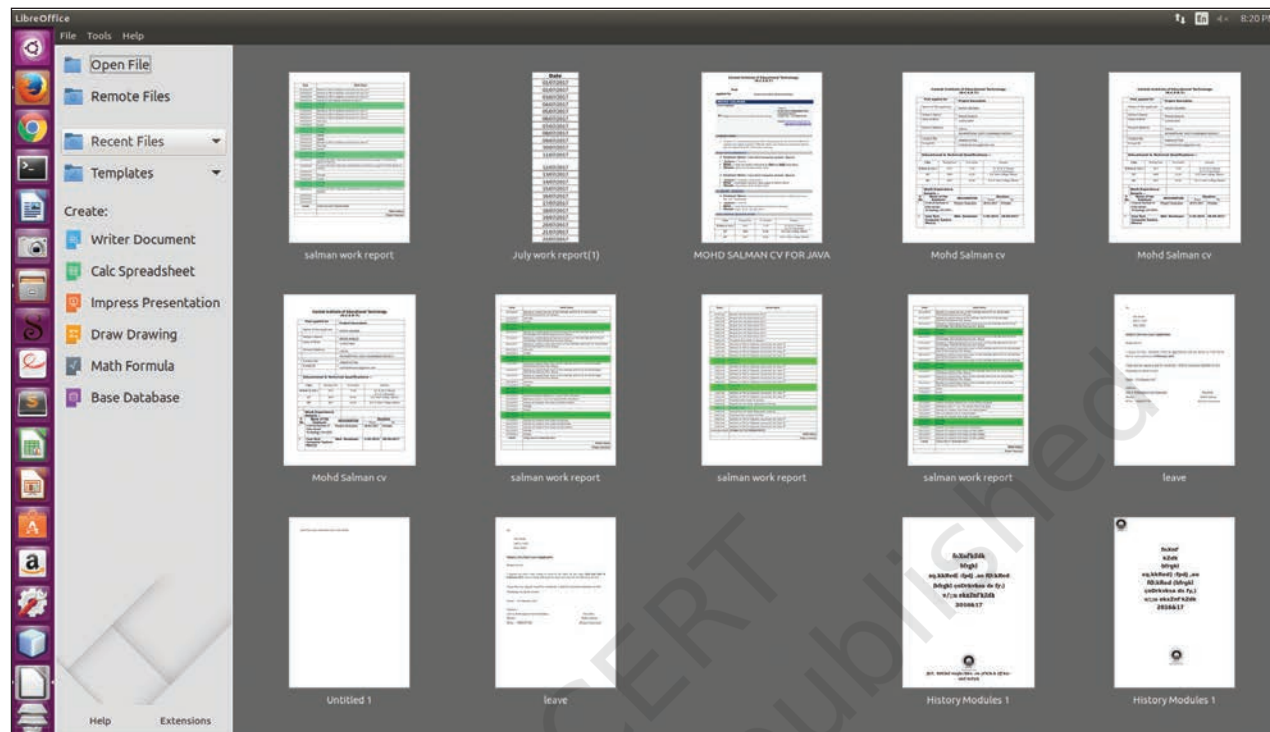


Fig. 2.4: LibreOffice

Rishi also wanted to prepare his report using word processor. So, he asked Tanya to help him. After taking permission from their teacher, Rishi and Tanya went to the computer lab of their school. Tanya opened the text editor and asked Rishi to create a new document. Tanya explained to him the use of various keys on the keyboard (Fig. 2.5) for entering the text.



Fig. 2.5: Keyboard

**Document:** Any piece of information created using a text editor is called a document.

**Cursor:** A vertical blinking line in a text editor that indicates the place where anything that is typed will appear.

## Getting Familiar with a Keyboard

### Enter key

- Press once to move to next line.

### Tab key

- Press once to move 5 spaces to the right of the cursor.

### Insert key

- Press once more to replace the old text with the currently typed text.
- Press once again to activate the insert mode.

### Delete key

- Deletes the character to the right of the cursor.

### Backspace key

- Deletes the character to the left of the insertion point.

### Caps Lock key

- Press once to type the alphabets in uppercase.
- Press once more to revert and type in lowercase.

### Shift key

- Press along with the alphabet key to type in uppercase if Caps Lock is OFF and in lowercase if Caps Lock is ON.
- Press along with non-alphabet key to type the special character/symbol that is above the main character.

*Tanya:* Rishi, let's open the text editor by double clicking on the Writer icon on the desktop. Let us try to understand how we can work on the Text Editor. When we open text editor, a blank document as shown below (Fig 2.6) will appear. Tanya also demonstrated how to open a new file in the text editor. Rishi followed the steps demonstrated by Tanya for creating a new document.

The title bar of the new document contains the name of the document and the name of the application

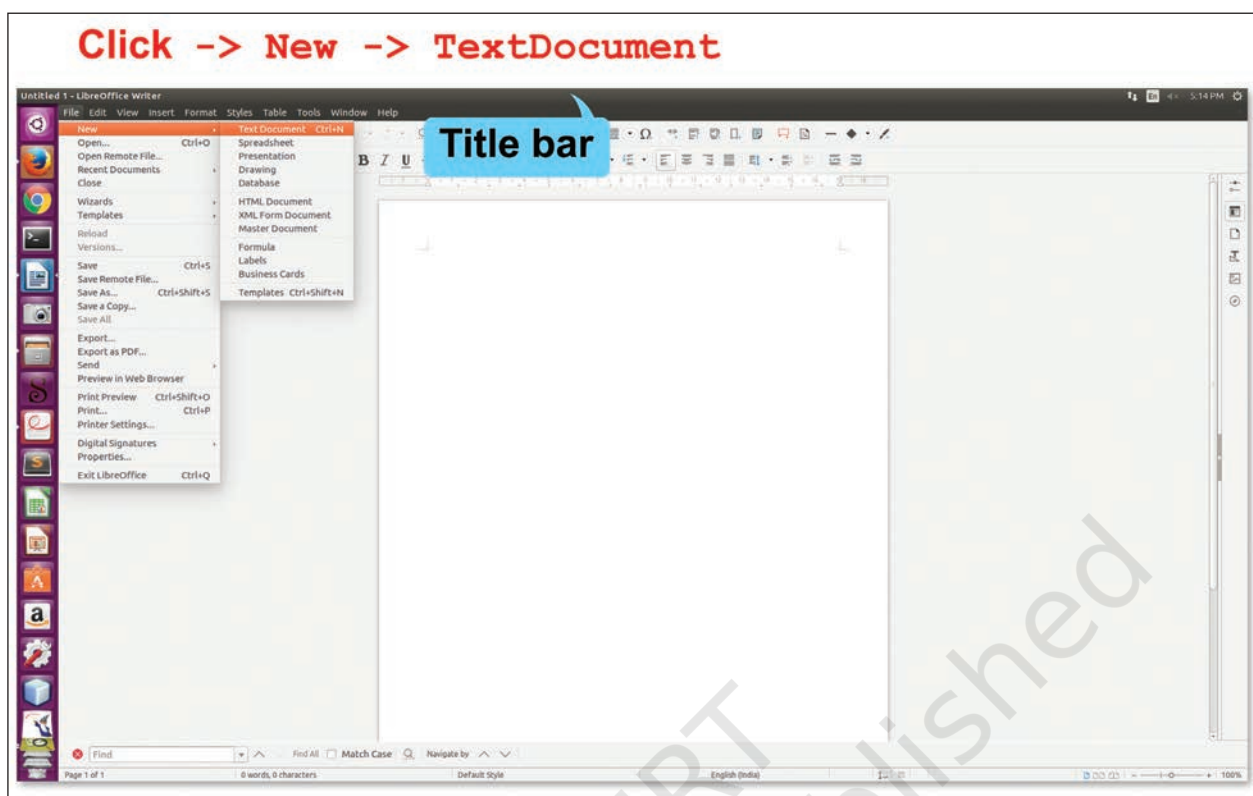


Fig. 2.6: Creating a New Document

(OpenOffice Writer). As Rishi had not given any name to his document, 'Untitled 1' is displayed on the title bar.

*Tanya:* First fix the setting of the document (Fig. 2.7) so that the page size, orientation, margins, and background colour can be fixed for the report.

*Rishi:* Why do we need to do that?

*Tanya:* Rishi, you must have noticed that the pages of your notebook are of the same size and contain margins too. This gives a consistent look to your notebook. Similarly if you set the margins and size of the document in the text editor, it will give a consistent look.

*Rishi:* What are the orientation types?

*Tanya:* If you want your document vertically elongated, select 'Portrait' orientation, if you want it to be horizontally elongated, select 'Landscape' orientation.



*Rishi:* OK, so I will select page size as A4, orientation as Portrait and 0.79 inch margin on all four sides of the page.

*Tanya:* Fine! And what about the background colour?

*Rishi:* My favourite colour is yellow ochre, so I will select that as the background for my document.

Rishi was happy to see the outcome of the page setting of his document and the coloured background of his page. He started typing the text in his report. After typing, his report looked as it is shown in Fig 2.8.

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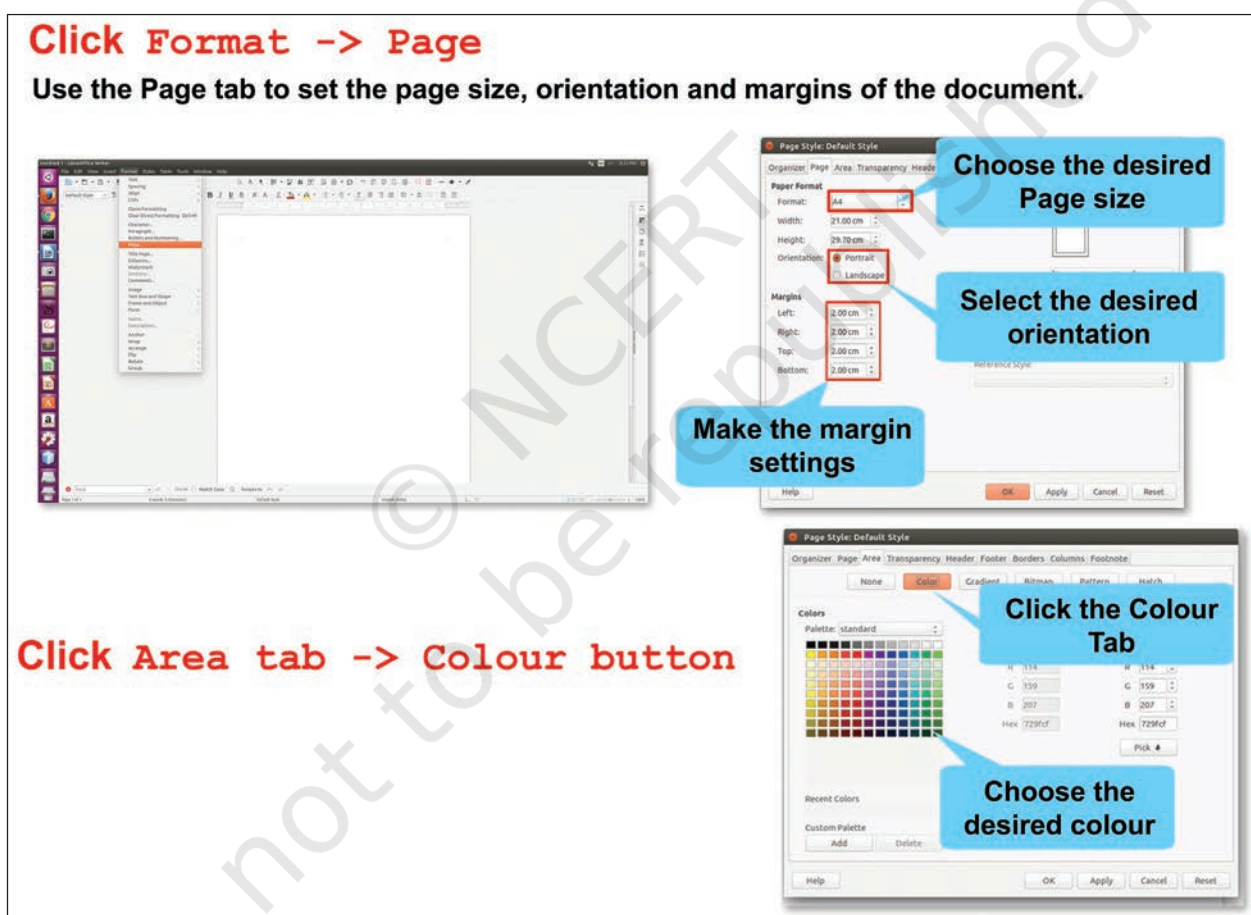


Fig. 2.7: Formatting the Page

He started typing the text in his report. After typing, his report looked as shown in Fig. 2.8.

Date: 27/2/2018

Report

Visit to Book Fair

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**Stephen King famously said that "Books are a uniquely portable magic."**

As the entire venue was stacked with books of all kinds- comics, classics, pop-up books for children and many more, we could feel the magical essence of stories tempting us to flip through the pages of several novels.

The various genres that we came across include:

- Classics
- Crime and Murder
- Mystery
- Romance
- Adventure
- Comic
- Thriller

It is always fun to have new memories, capture them in photos and share them with everyone else.

The students also found some books that intrigued them so much, they wanted the books to be a part of the School library collection.

It is rightly said that reading is dreaming with your eyes open! Our visit to the book fair simply reminded all of us: students and teachers alike, to never give up the habit of reading. We must always keep the magical essence of books alive in our lives.


**WE HAD LOT OF FUN!!!!!!**

Fig. 2.8: Rishi's report



## Activity 1

Create a text document on a topic of your choice. Choose A4 as page size and 'portrait' as page orientation. Now change the page orientation to 'landscape' and observe the change in the document.

Once the report was typed, Tanya suggested him to save the document as shown in Fig. 2.9 and then close it. It is only when the document is saved by a name, it can be opened again for viewing or editing. In fact, while creating a document it must be saved at regular intervals so that the changes made are permanently saved. To close the file click **File** → **Close** option. To close the word processor (Writer), you may click Close button  on the top-left corner of the screen.

### Save the document by clicking **File** → **Save As**.

Give the name of the file, specify the location where it has to be saved and also the file format in which it should be saved. By default, the file will be saved in .odt format.

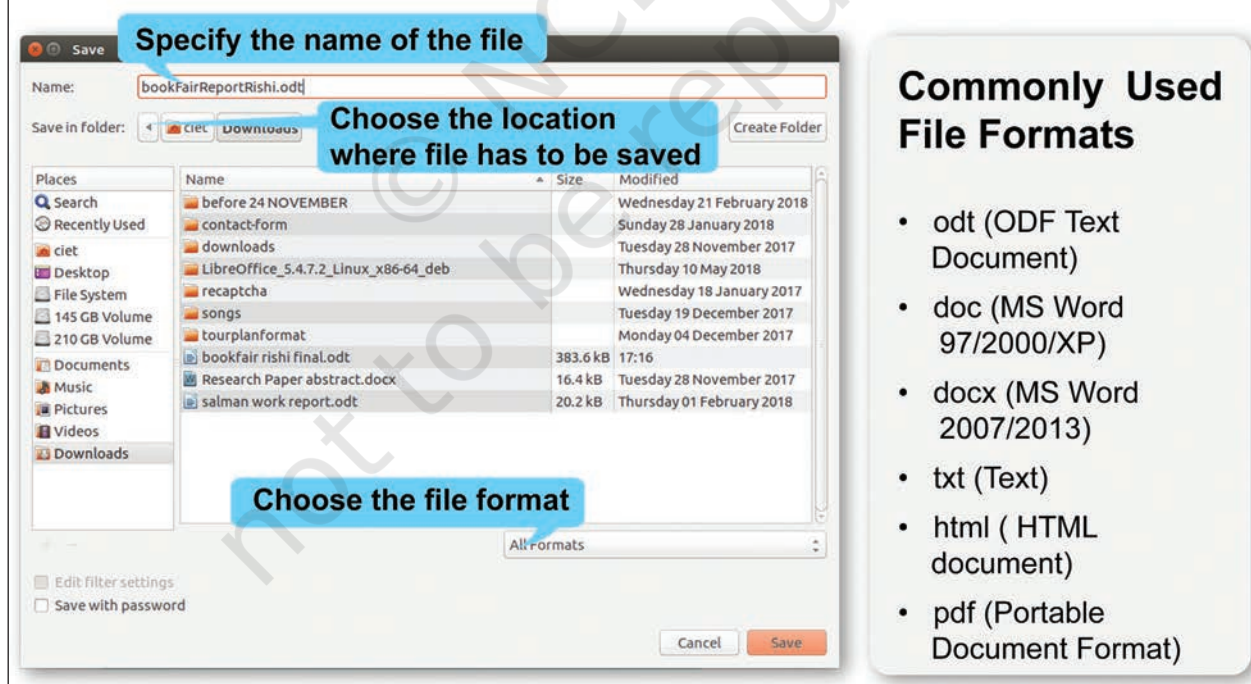


Fig. 2.9: Saving a File

Rishi saved the file by the name *bookFairReportRishi.odt* and then closed it by clicking on the Close button. Rishi wanted to learn more from Tanya, so he opened his file again.

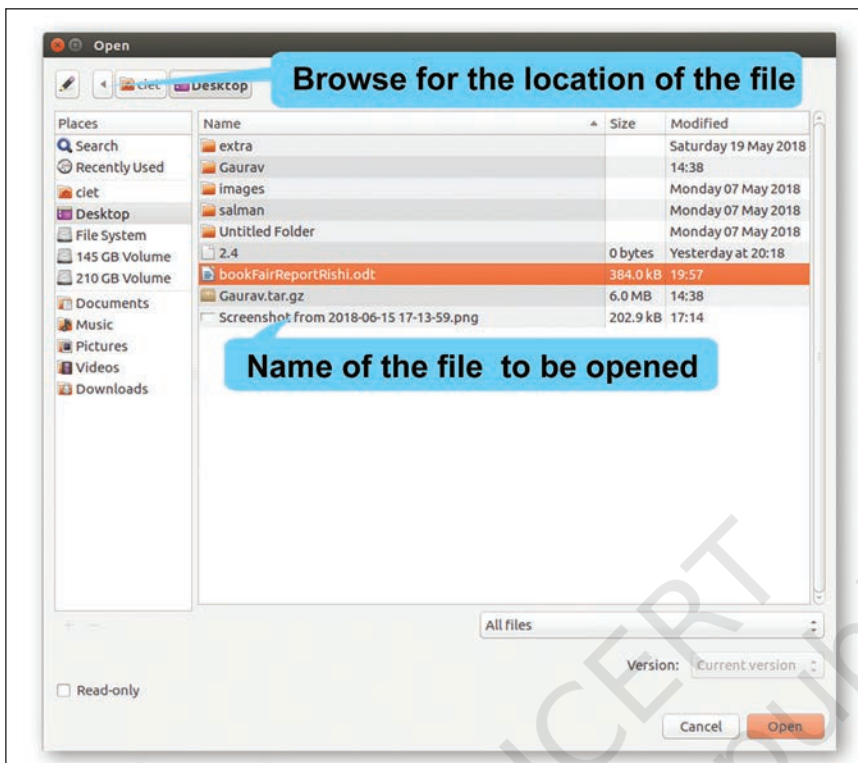


Fig. 2.10: Opening a Document

You can also perform a task using keys from the keyboard. These are called Shortcut keys. Some of the shortcut keys are listed below:

|                        |          |
|------------------------|----------|
| Opening a new document | Ctrl + N |
| Saving a document      | Ctrl + S |
| Opening a document     | Ctrl + O |

Rishi was excited to see his report on the monitor but he wanted coloured text of different sizes in his report with a bold and underlined title. Tanya demonstrated the tools on the Formatting toolbar as shown in Fig. 2.11 that would help Rishi add these features to his report. He could choose the font name, size and style of his choice. Tanya also showed him some fonts names like Times New Roman, Courier New, Arial, Calibri, etc. She further mentioned tools to edit the font size and style—bold, italic or underlined.

- Choose **Save As** option when you are saving the file for the first time or you want to give a different name to an already saved file.
- Choose **Save** option when you want to simply save the changes made in an already existing file.

You should always save a file with a meaningful name. This helps you to easily identify the file when you want to open it later.

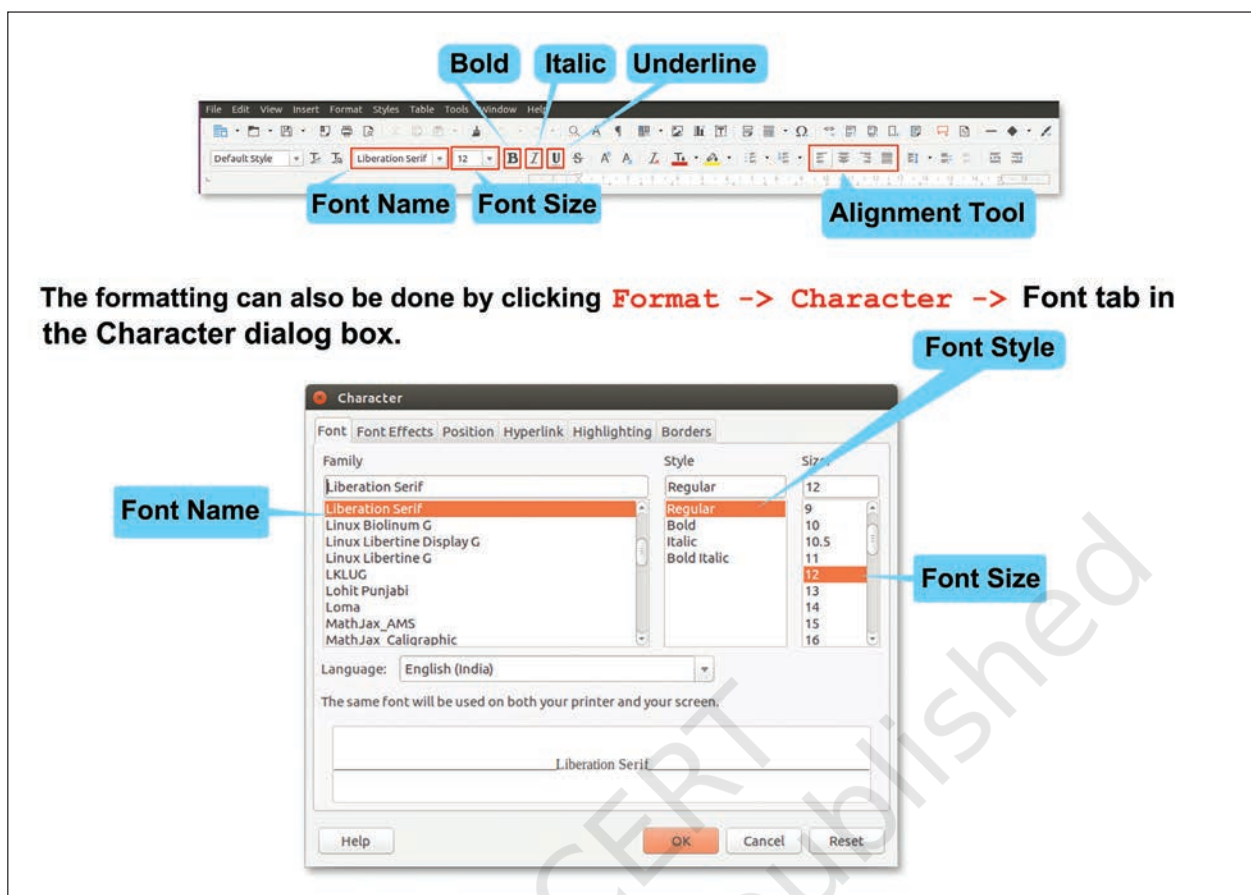


Fig. 2.11: Formatting text

Rishi formatted the text in his document by using the tools on the formatting toolbar, now he wanted the title in the centre of the page and date on the top-right corner. Tanya then introduced Rishi to various alignment tools:

- **Align left:** aligns the text to the left margin of the page
- **Center horizontally:** aligns the text to centre of the page
- **Align right:** aligns the text to right margin of the page
- **Justified:** aligns the text to both left and right margin of the page

Rishi felt that his report was looking congested. He wanted a little bit more spacing between the lines of the paragraph. Tanya then explained that the spacing can be set between the lines and also between the paragraphs as shown in Fig. 2.12. The former is called



line spacing and the latter is called paragraph spacing. Demarcating a new paragraph by adding few blank spaces in the beginning of the first line of the paragraph can also be done. This is called indentation.

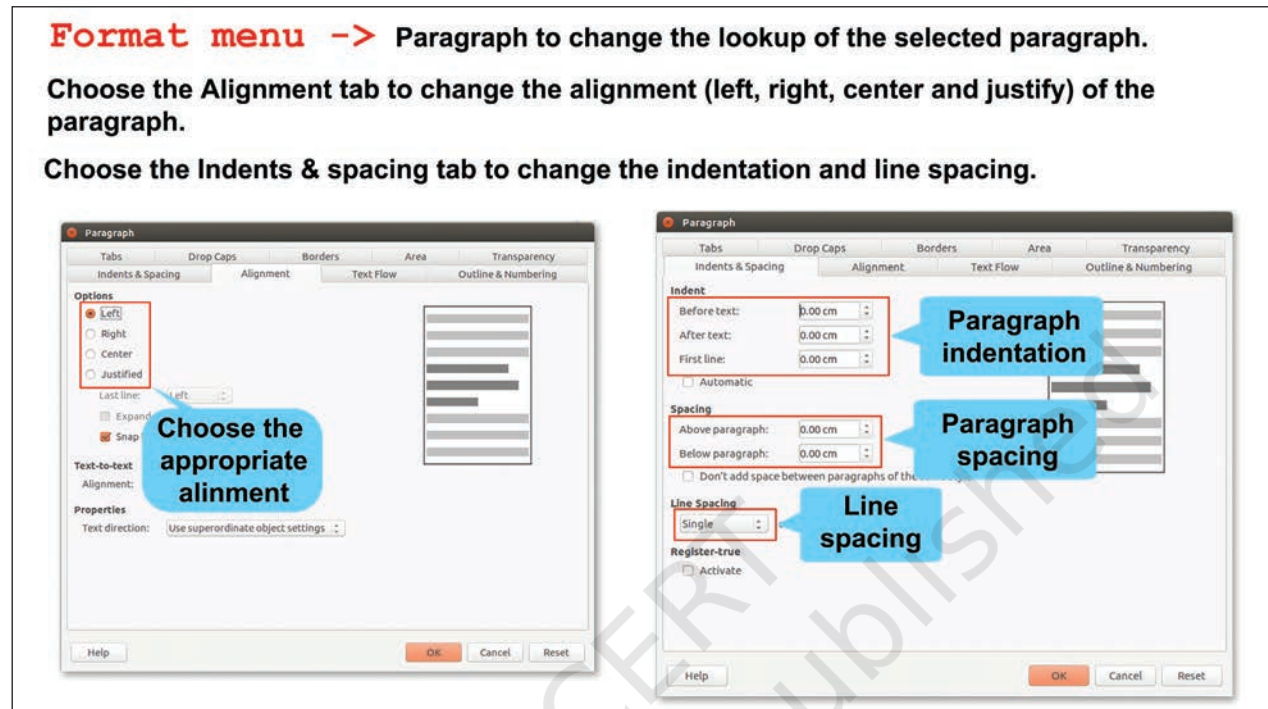


Fig. 2.12: Formatting a Paragraph

Rishi was happy to apply all the formatting effects to his document. Now his report, in Fig. 2.13 appeared more effective as compared to that shown in Fig. 2.8.

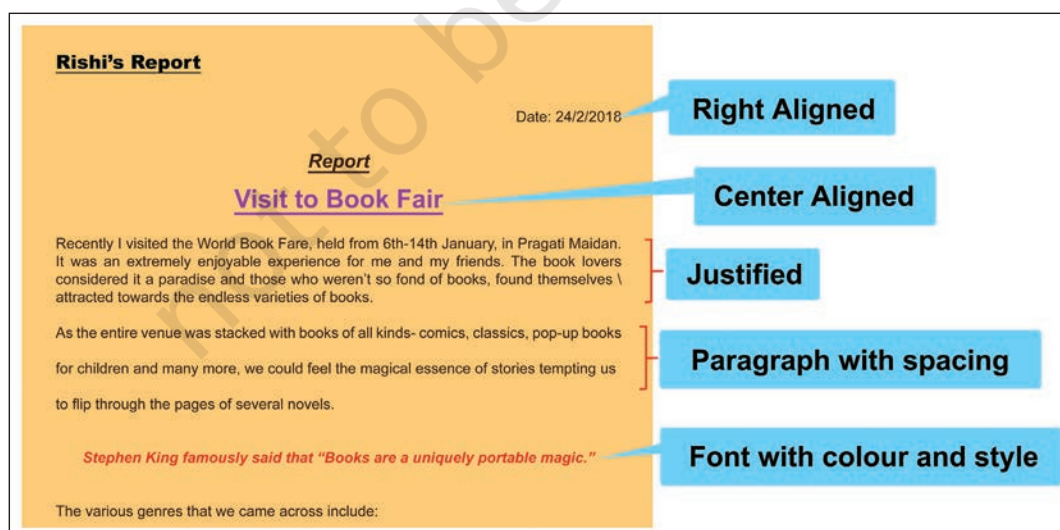


Fig 2.13: Rishi's Page with Formatting Effects

## Activity 2

### Shortcut keys

Bold Ctrl + B

Italic Ctrl + I

Underline Ctrl + U

Using a text editor, write a paragraph on 'My Favourite Festival' and apply various formatting effects listed below.

Also add a quote 'Festivals' in the beginning of the chapter. Mark a tick in front of the features that you were able to apply in your document.

- Title: Bold and Centre aligned
- Important points: Underlined, Bold
- Paragraph: Justified
- Background and Text: Coloured
- Font Style
- Indentation and Line Spacing

There were certain red and green wavy lines in Rishi's document. As Rishi asked her about the lines, Tanya told him that the red wavy line appears below a spelling mistake and the green wavy line appears below a grammatical error. Now, Rishi tried to correct the mistakes by placing the cursor at the appropriate position and retyping them. Tanya explained that instead of doing it manually, it can be done by using the **Spelling and Grammar** check feature of the word processor as shown in Fig. 2.14.

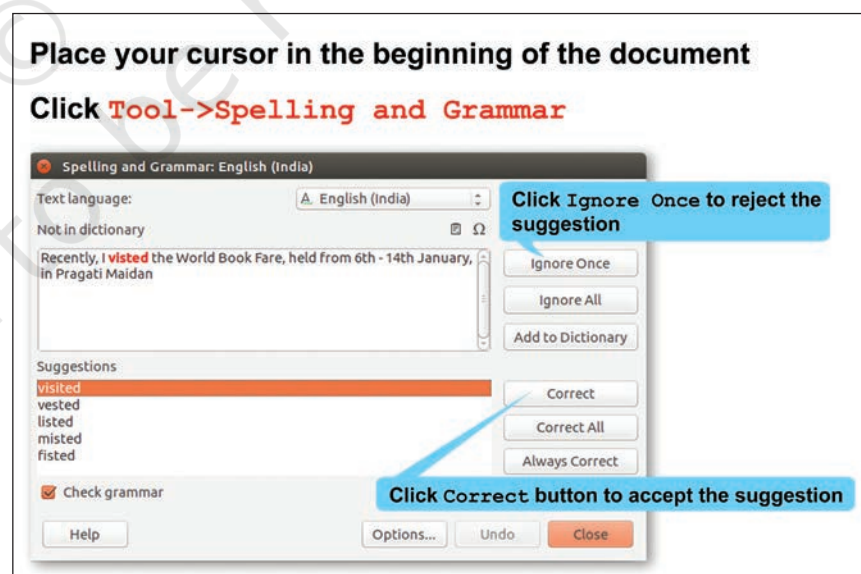


Fig. 2.14: Spelling and Grammar Check

Suddenly, Tanya noticed that the word 'Pragati Maidan' had a red wavy line below it although it was not a spelling mistake. On the other hand, Rishi had typed the word 'fare' instead of 'fair' in his document but it did not have a red wavy line below it, as shown in Fig. 2.15.

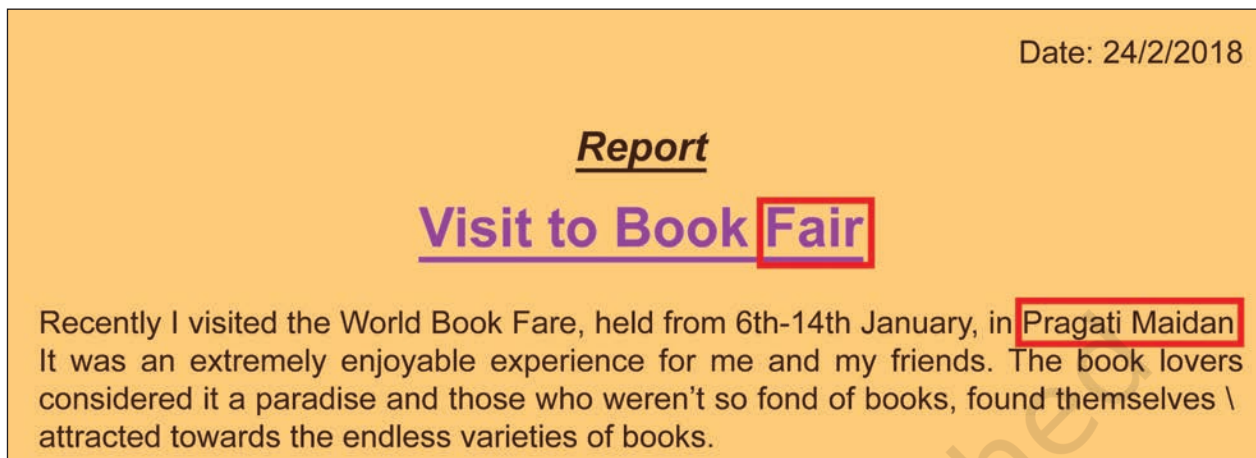


Fig. 2.15: Errors in Rishi's Report

Tanya again opened the Spelling and Grammar dialog box, selected the words 'Pragati Maidan' and clicked Add to Dictionary button. Since the words were now added to the dictionary of the text editor, the red wavy line no longer appeared below these words.

To delete the word 'Fare' and type 'Fair', Rishi placed his cursor before the word 'Fare'. He had to repeat this process for all occurrences of the word 'Fare'. This is how he learned to use the Find and Replace feature of the text editor, as shown in Fig. 2.16.

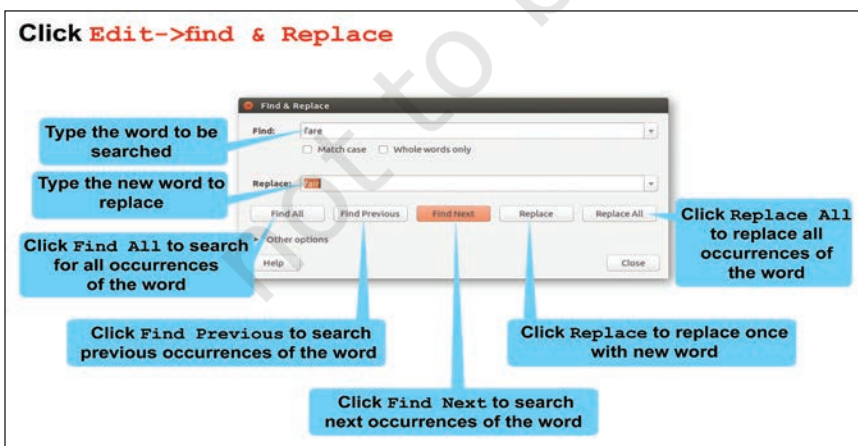


Fig. 2.16: Find and Replace



### Shortcut keys

Cut    Ctrl + X  
Copy   Ctrl + C  
Paste   Ctrl + V  
Spelling & Grammar  
F7  
Find & Replace  
Ctrl + H

Rishi wanted to change the position of the quote by Stephen Hawking. One method is to delete it from its present position and retype at the new position. The better way is to use the cut and paste commands, through which the text will be removed from the original position and pasted to the new position. If you want the text to be duplicated and pasted at the new position, then choose the Copy command instead of Cut command (Refer Fig. 2.17).



Fig. 2.17: Cut, Copy and Paste

### Activity 3

Open the file that you created in Activity 2. Copy the quote and Paste it at the end of the document. Thereafter do it by Cut and Paste. What difference did you notice between Cut and Copy options?

In Tanya's report, Rishi had also seen certain symbols preceding the names of the genres of books. When Rishi asked her, Tanya explained that such a list can be created using the **Bullets and Numbering** feature of the text editor as shown in Fig. 2.18. Using Bullets feature, the list is preceded by certain symbols. For list items, shown by bullets ordering is not important, on the other hand, **Number and Alphabets** feature can be used when there is some order in the list.

Rishi used bullets as shown in Fig. 2.19 to list the different categories of books he had seen in the book fair.

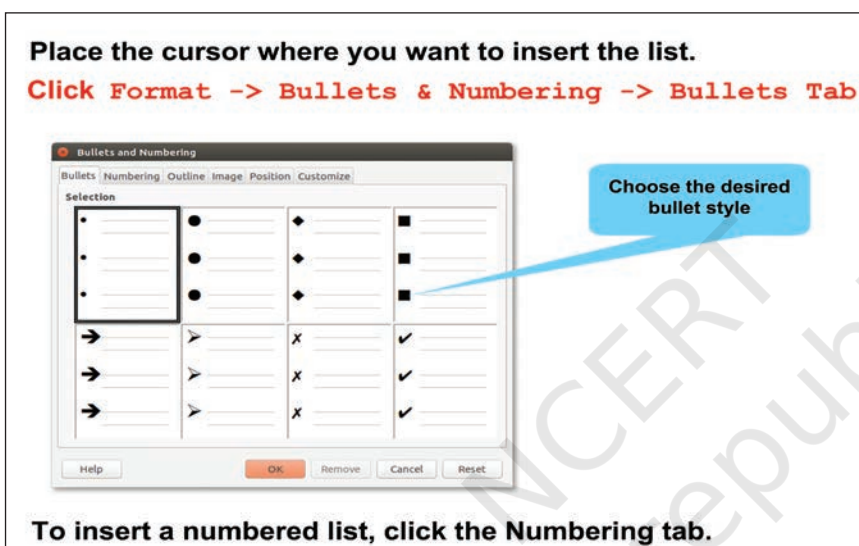


Fig. 2.18: Creating a Bulleted List

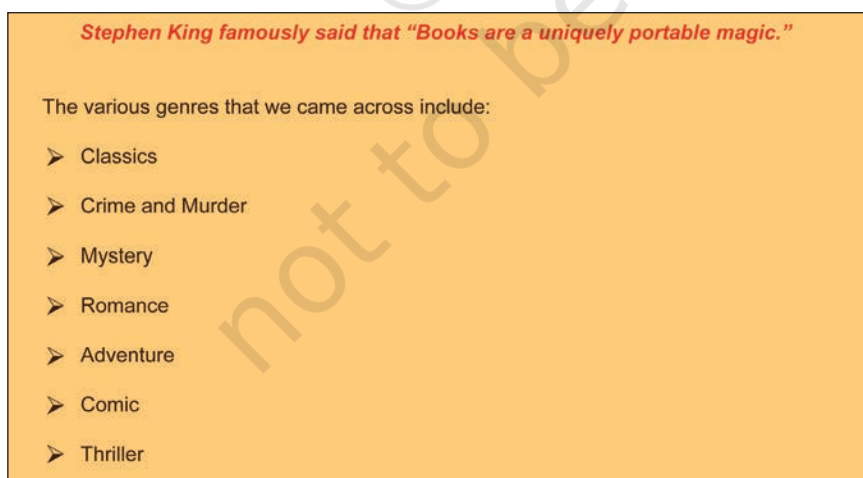


Fig. 2.19: Rishi's List with Bullets

## Activity 4

Tick the appropriate options given in the bracket and create at least one bulleted and one numbered list using a word processor.

- List of fruits you like (Bullets/Numbering)
- List of fruits you like in order of preference (Bullets/Numbering)
- Steps to make a cup of tea (Bullets/Numbering)
- List of your favourite games (Bullets/Numbering)

During his visit to the book fair, Rishi had made a list of his favourite books and CDs in his diary. He wanted to create a table depicting Serial Number of the listed books and CDs, Title of the book and CD and Name of the Publisher. Tanya explained the table feature to help him complete the task. He inserted a table (as shown in Fig. 2.20) with three rows and four columns. Tanya also explained him how to insert more rows and columns in the table. He inserted two more rows at the bottom of the table (as shown in Fig. 2.21), since he needed to add 5 names.



Fig. 2.20: Inserting a table



**Click Table -> Insert -> Rows**

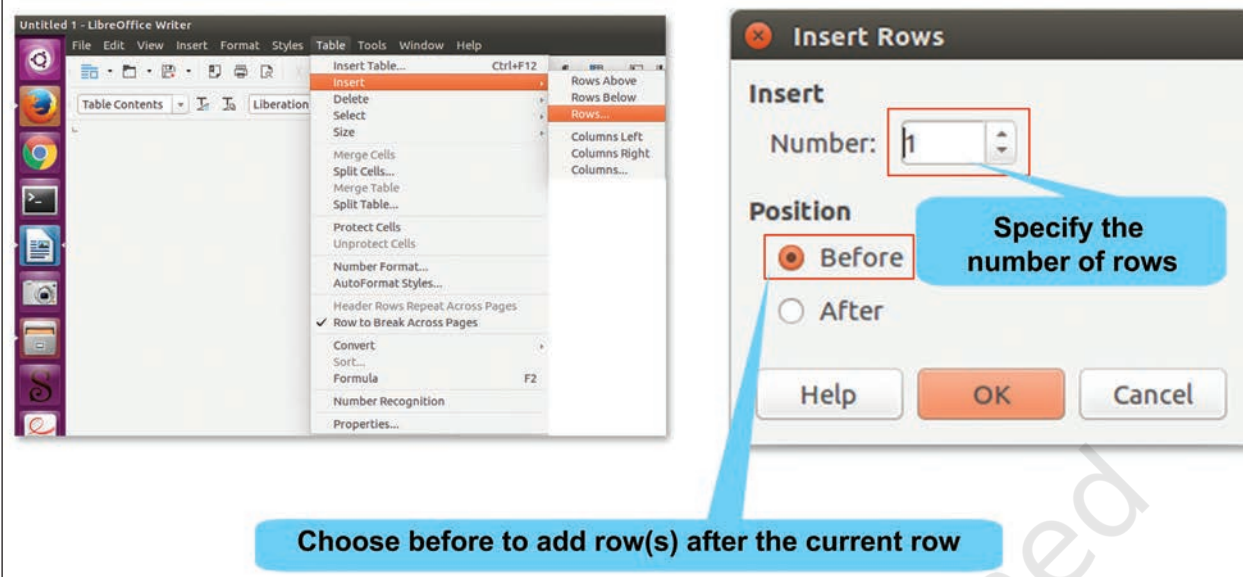


Fig 2.21: Inserting Rows in a Table

Rishi successfully inserted the table in his document. He also wanted to add a border to his table, so Tanya showed him how to format the table to add borders (Refer Fig. 2.22).

**Click Table -> Properties -> Borders tab**

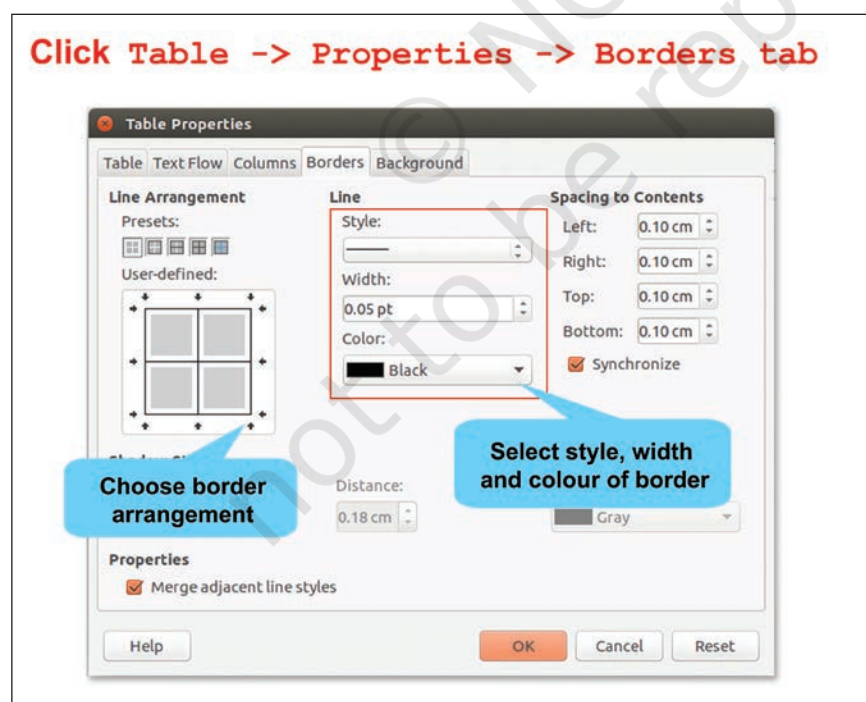


Fig. 2.22: Borders tab

Rishi was able to apply green borders to his table. He also gave headings to his table by using **Bold** tool on the formatting toolbar. That is how Rishi's table looks (Refer Fig. 2.23).

| S. No. | Title of Book/CD                  | Category (Book/CD) | Name of the Publisher |
|--------|-----------------------------------|--------------------|-----------------------|
| 1.     | Science – Vigyan                  | Textbooks          | NCERT                 |
| 2.     | Urdu – Gulzar-e-Urdu              | Textbooks          | NCERT                 |
| 3.     | Mathematics for Grade 6           | Textbooks          | NCERT                 |
| 4.     | Mind Map Your Brain               | Audio /Video CDs   | -----                 |
| 5.     | Encyclopedia                      | Audio /Video CDs   | Britannica            |
| 6.     | What on earth is energy?          | Children's Book    | NCERT                 |
| 7.     | Indian Education                  | Journals           | NCERT                 |
| 8.     | Barkha – A Reading Series for All | Miscellaneous      | NCERT                 |

Fig 2.23: Table Inserted by Rishi

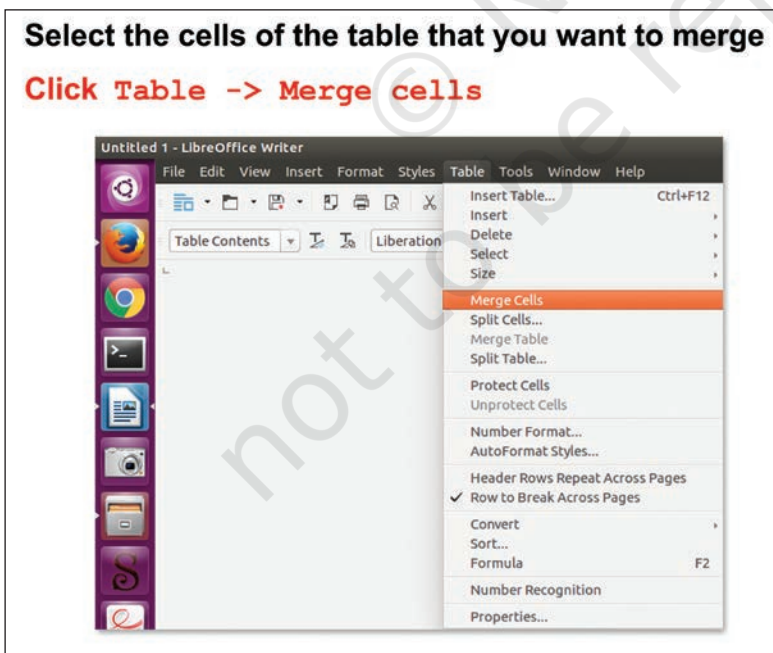


Fig. 2.24 : Merging Cells of a Table

He observed that the category 'Textbooks' was repeating in three rows. He wanted the word 'Textbooks' to appear in such a manner that it represents all the books under this category. Similarly, he wanted 'Audio and Video CDs' to represent both type of CDs. This could be done using **Merge** feature of the text editor, as shown in Figs. 2.24 and 2.25.

| S. No. | Title of Book/CD                  | Category (Book/CD) | Name of the Publisher |
|--------|-----------------------------------|--------------------|-----------------------|
| 1.     | Science – Vigyan                  | Textbooks          | NCERT                 |
| 2.     | Urdu – Gulzar-e-Urdu              |                    | NCERT                 |
| 3.     | Mathematics for Grade 6           |                    | NCERT                 |
| 4.     | Mind Map Your Brain               | Audio /Video CDs   | -----                 |
| 5.     | Encyclopedia                      |                    | Britannica            |
| 6.     | What on earth is energy?          | Children’s Book    | NCERT                 |
| 7.     | Indian Education                  | Journals           | NCERT                 |
| 8.     | Barkha – A Reading Series for All | Miscellaneous      | NCERT                 |

Fig. 2.25: Table with Merged Cells

Rishi had a very good photograph of book fair saved on the desktop. He wanted to insert that photograph in his report. Tanya helped Rishi to insert the photograph in his report (Refer Fig. 2.26).

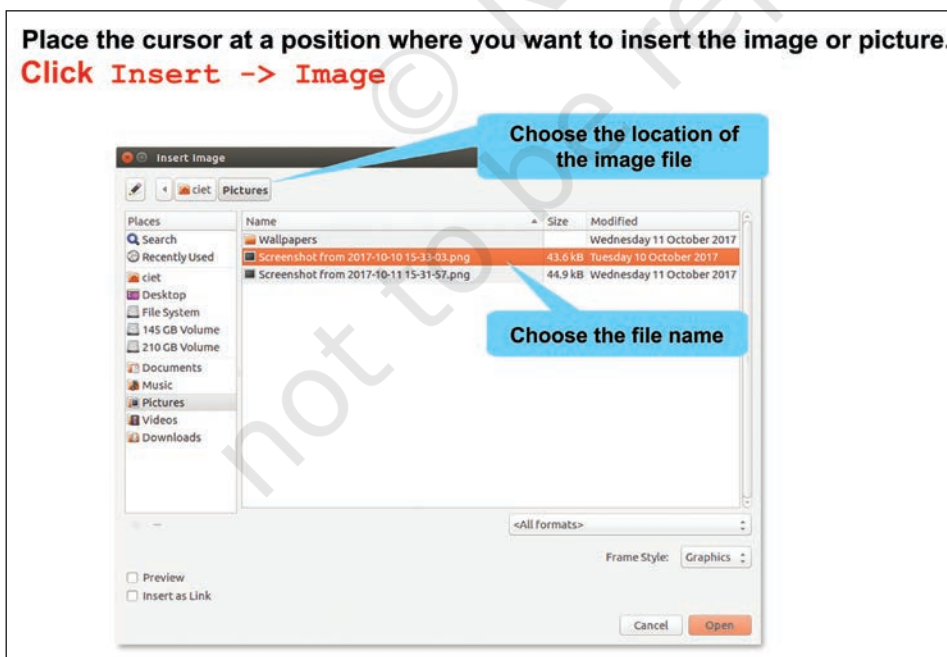


Fig. 2.26: Inserting a Picture



To further enhance the report, Tanya demonstrated how to insert headers and footers in the document as shown in Fig. 2.27. A header contains the text that will be displayed on the top of each page of the document while the text in footer will be displayed at the bottom of each page of the document. Rishi wanted to insert the text 'Rishi's Report' as the header and page number as the footer.

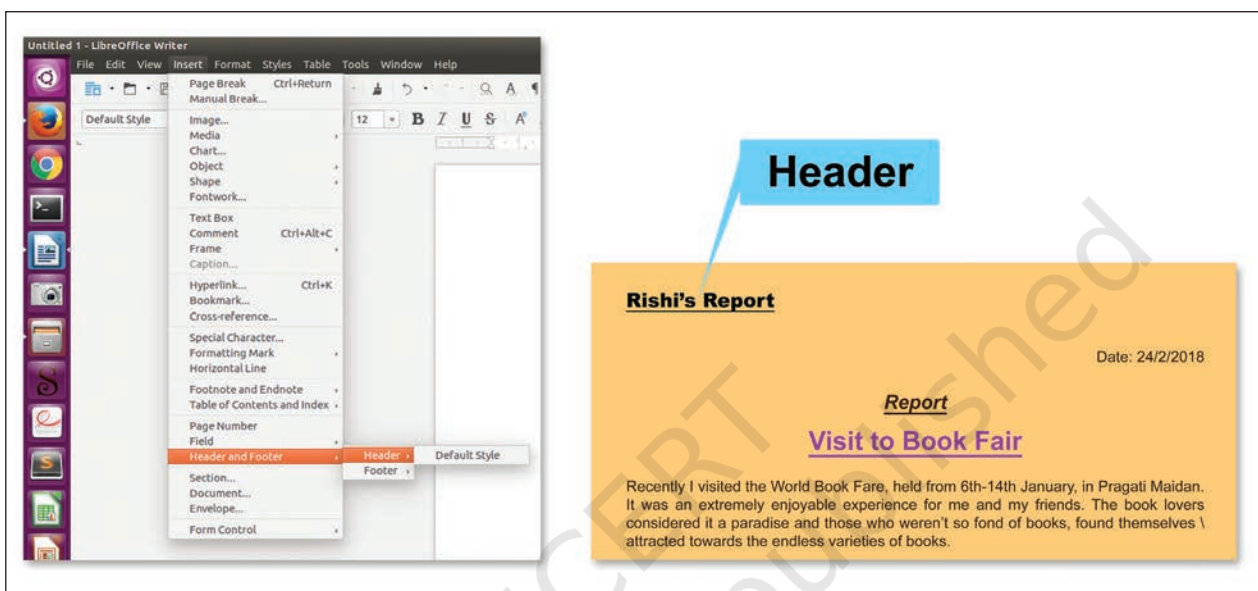


Fig. 2.27: Inserting a Header

Tanya explains him how to insert Header and Footer to document (Refer Fig. 2.28).



Fig. 2.28: Inserting Page Number

Take any textbook of Class IX and observe what has been placed as header and footer on the pages of that textbook.

## Activity 5

In the document created in Activity 2, do the following:

- Insert the list of food items prepared during the festival
- Insert the 'Favourite Festival' in the header and page number in the footer
- Add a table describing atleast five activities that happens during festivals

Tick mark the features you have added to your document.

- Bulleted list/numbered list
- Tables with headings
- Merge rows/columns
- Header and footer
- Picture/photograph

Answer the following questions based on the above activity.

- In which menu option did you find the table option?
- Have you inserted a bullet list or a number list?
- How many rows and columns does your table have?
- What did you insert as a footer in your document?

Rishi was very happy to see his document now. He wanted to show it to his teacher and parents. So, he decided to take two printouts. Before giving the print command, Tanya clicked the File→Print Preview button

Keep saving your document at regular intervals.

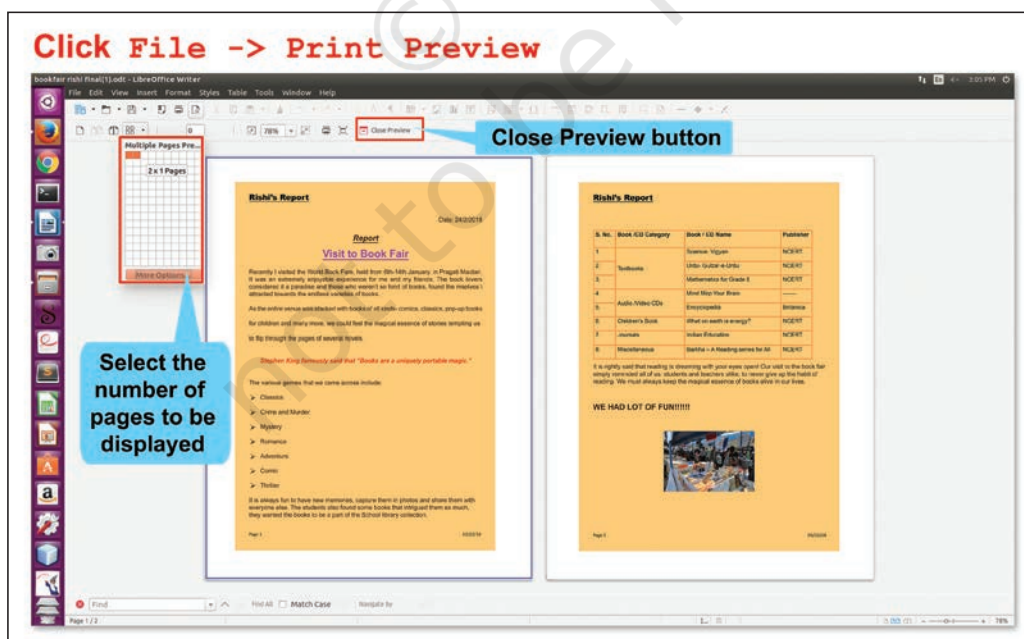


Fig. 2.29: Print Preview

Take a print out only if it is required. Avoid wasting paper and contribute your bit towards saving trees.

If the report is in digital form, either saved in some storage device or seen on the monitor, it is called a **soft copy**.

The report that is printed on the paper is called a **hard copy**.

It is not ethical to see or edit other people's documents and material without seeking permission.

to show Rishi how the document would appear on paper. By doing so both the pages of Rishi's report were displayed as shown in Fig. 2.29. Tanya told him how to set the number of pages that he wanted to see while previewing the document. Since Rishi was happy with his final report, he clicked Close Preview button to close the preview. Tanya again reminded him to save the document and Rishi clicked the Save command. Now it was time to print Rishi's report. He switched on the printer and made sure that the printer was connected to the computer. Then he opened the Print dialog box and selected '2' for the number of copies of the document to be printed as shown in Fig. 2.30.

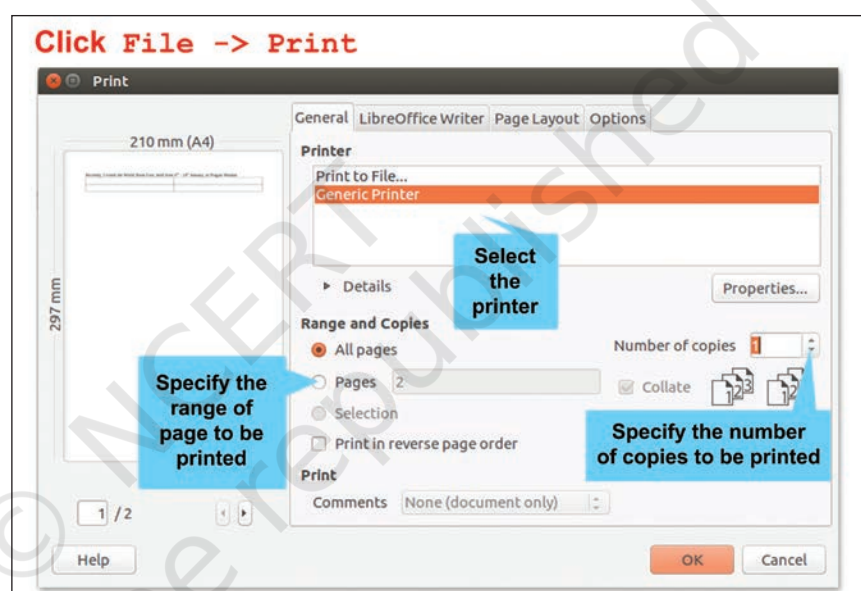


Fig. 2.30: Printing a document

Next day, Rishi and Tanya opened the document to show it to their friends in the computer lab of their school. On opening the file, they were surprised to see that the document was not the same one that they had saved a day before. Some student might have altered the report. Their teacher explained that their document had been saved in an editable format, so it could be modified or edited by anybody. If they wanted that their document should not be edited or modified in any manner, then they should convert and save their file in a non-editable format. One such format is a Portable Document Format (pdf). Once a document is saved in

this format (as shown in Fig. 2.31), it becomes non-editable. Their teacher then explained how to convert the final document into pdf format.

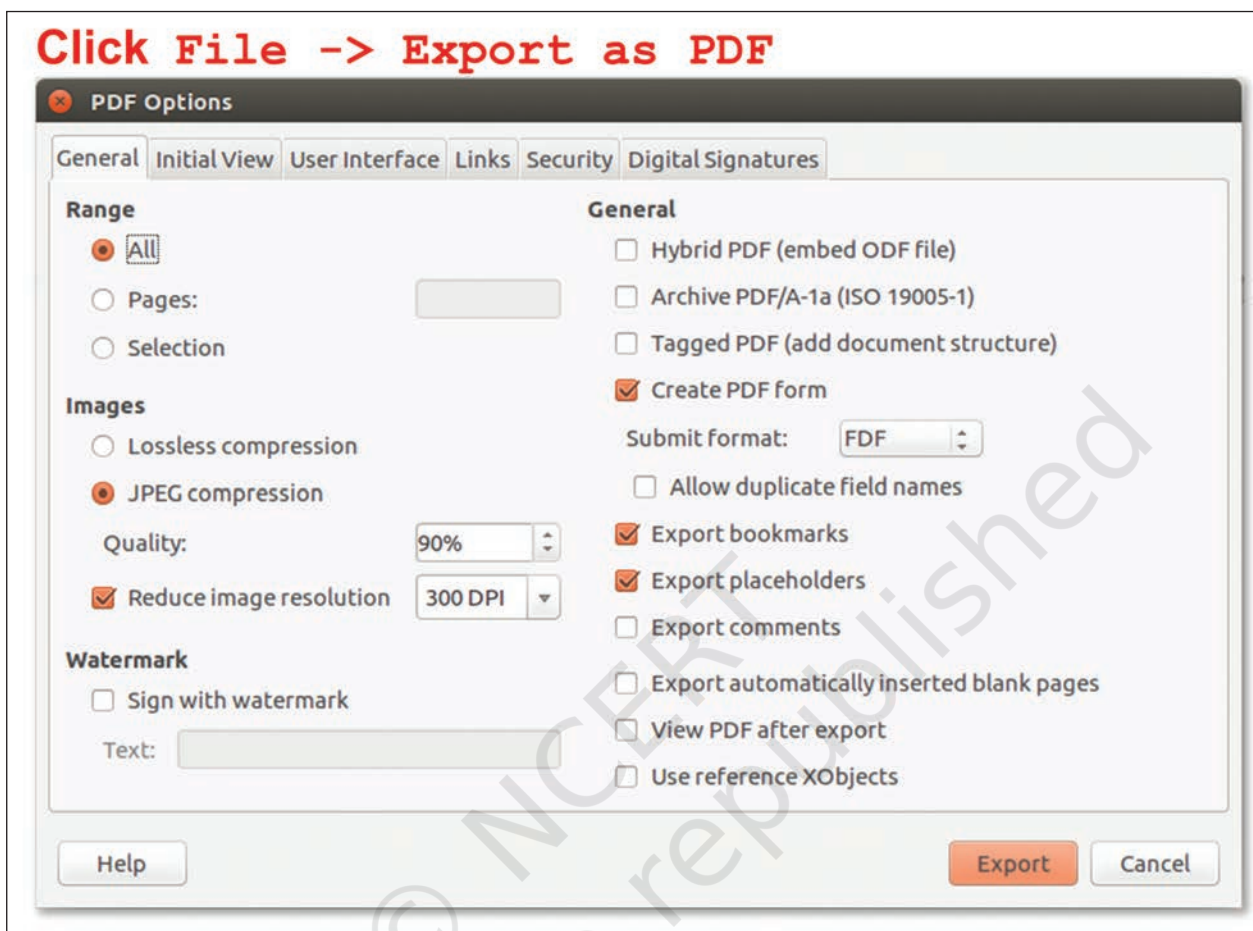


Fig. 2.31: Converting to PDF Format

Tanya and Rishi were delighted to show the report to their friends. They had learned to use the various features of a text editor. Their teacher was also very proud of them and encouraged other students to learn how to use a text editor. This will help them to create their own digital document.

## Exercises

### Do it Yourself

1. Identify whether the following statements are True or False
  - a. Spelling and Grammar check is a part of text editor.
  - b. Bullet listing and numbering can be done using Format option in a text editor.



- c. Copy feature is used to make copies of a picture.
  - d. Before taking a printout, check if its Print Preview is favourable.
2. In your school, Independence Day was celebrated. Prepare a detailed digital report using a text editor so that it could be printed in the school magazine.
  3. Using a text editor, create a document to express your thoughts on your favourite movie.
  4. You got a chance to view a cricket match in the stadium. Create a document to share the experiences with your friends.
  5. The Red Cross Society is organising a Cleanliness Drive in your locality. Create a document to summarise the welfare activities performed by them during that period.
  6. Collect the family details (5–6 families) of the people living in your locality and present that information in a tabular form. Format the table and check, if some rows or columns can be merged to simplify the table. After creating the document, save it and submit the printout to your teacher.