Latex basic

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March 15, 2024

This is my 1st latex document.
here double black slash is used for new line

Or we can use slash newline for new line

We use slash special character to print: % $ & # _ etc

Now lets make bold and italic text:
To bold, we use slash textbf
we can also use bf to bold text
To make italic, we use slash textit
Both bold and italic
We use slash underline for undelining

For, equation we use amsmath package

The equation of straight line is : $y = mx + c$
(this is the 1st method, see code)
or, we can use equation environment:

$$y = mx + c \tag{1}$$

$$y = \int_{-\infty}^{\infty} (x^2 + 2)dx \tag{2}$$

We use slash newpage for new page:

Now to insert a figure we use graphicx package:

Figure 1: Kitten image

For table we use tabular environment

Table 1

col 1	col 2	col 3
5	6	
7	8	

for parting the document we use section command:

1 Introduction

First section

1.1 Type A

1st subsection

1.2 Type B

2nd subsection

1.2.1 Type B(a)

1st subsubsection

2 Conclusion

Second section

Lets do some quotation:

> **Quoted statements are also printed with both side aligned, but in a narrowed width.**
>
> *- Name*

We can use paragraph and subparagraph this way:

(1) Title: There are certain key issues to attract investors, which need to be addressed.

(1A) Title: There are certain key issues to attract investors, which need to be addressed.
We use "slash par" for paragraph break

Writing language: English.

Marks: 100 **Time: 3 Hours.**

Now lets make a list:

1. **point 1**
2. **point 2**
3. **point 3**

We have dedicated package for algorithm:

Algorithm 1 : Insertion Sort

1: **for** $j \leftarrow 2$ to $Arr.lenght$ **do**
2: $key = Arr[j]$
3: $i = j - 1$
4: **while** $i > 0$ and $Arr[i] > key$ **do**
5: $Arr[i + 1] = Arr[i]$
6: $i = i - 1$
7: **end while**
8: $Arr[i + 1] = key$
9: **end for**

Code for insertion sort:

```
#include<stdio.h>
#include<math.h>
int main()
{
int n, a[101];
int i, max;
printf("Number of points = ");
...
return(0);
}
```