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Chapter 1

Listing

1.1 Enumerate

code	output
<pre>\begin{enumerate} \item First \item Second \item Third \end{enumerate}</pre>	List will look like this 1. First 2. Second 3. Third

1.2 Nested Enumerate

code	output
<pre> \begin{enumerate} \item First \item Second \item Third \begin{enumerate} \item First \begin{enumerate} \item Sub First \begin{enumerate} \item Sub Sub First \begin{enumerate} \item Sub Sub First \item Sub Sub Second \end{enumerate} \end{enumerate} \end{enumerate} \item Sub Second \item Sub Third \end{enumerate} \item Second \item Third \end{enumerate} \end{enumerate} </pre>	<p>List will look like this</p> <ol style="list-style-type: none"> 1. First 2. Second 3. Third <ol style="list-style-type: none"> (a) Sub First <ol style="list-style-type: none"> i. Sub First Sub <ol style="list-style-type: none"> A. Sub Sub First B. Sub Sub Second ii. Sub Second iii. Sub Third (b) Second (c) Third

Table 1.1: Nested Enumerate

Chapter 2

Unordered List

2.1 Itemize

code	output
<pre>\begin{itemize} \item First \item Second \item Third \end{itemize}</pre>	List will look like this <ul style="list-style-type: none">• First• Second• Third

Table 2.1: I

temize

2.2 Nested Itemize

- First
 - Sub First
 - Sub Second
 - * Sub Sub First
 - * Sub Sub Second
 - Sub Sub Sub First
 - Sub Sub Sub Second
 - * Sub Sub Third
 - * Sub Sub Fourth
 - Sub Third
- Second
- Third

2.2.1 Point Names in **Itemize**

- bullet
- circ
- * ast

2.2.2 Unordered Points in **Description**

- bullet
- rightharrow
- ← leftharrow
- ⇒ Rightharrow
- ⇐ Leftharrow
- ◇ diamond
- ⇔ Leftrightarrow
- ↔ leftrightarrow
- blacksquare
- ★ bigstar
- ⇒ Rightharrow
- hyphen (–)

NOTE: This is not a complete list

! Exclamation mark

2.2.3 Ordered Points in **Description**

1. First

2 Second

(3) Third

(a) a with round bracket

(B) B with round bracket

(i) roman with round bracket

test, will it continue from previous number

! No it will not continue from previous number.

Chapter 3

Renewcommand In List

3.1 Renewcommand Type: 1, In **Enumerate**

3.1.1 Understandin Renewcommand In **Enumerate**

Note: `\renewcommand {\labelenumi}{\arabic{enumi}.}`

- `\labelenum` = enum and `i` = level of list i = 1, ii = 2, iii = 3, iv = 4
- `\arabic{enumi}` = 1, 2, 3, 4
- `\alph{enumi}` = a, b, c, d
- `\Alph{enumi}` = A, B, C, D
- `\roman{enumi}` = i, ii, iii, iv
- `\Roman{enumi}` = I, II, III, IV
- Now the separators are used as dot (.) or bracket ().
- like `\labelenumi{(\alph{enumi})}` will give (a), (b), (c), (d)

3.1.2 Renewcommand Example In **Enumerate**

I. The Dot at the last of renewcommand is required to declare how the list will be presented

I.(1) Sub First

I.(2) Sub Second

I.(2)1 Sub Sub First

I.(2)2 Sub Sub Second

I.(2)2.(1) Sub Sub Sub First

I.(2)2.(2) Sub Sub Sub Second

I.(2)3 Sub Sub Third

I.(2)4 Sub Sub Fourth

I.(3) Sub Third

II. Second

III. Third

3.2 Renewcommand type: 2 In **Enumerate**

3.2.1 **\theenum** in Renewcommand

Command: `\renewcommand{\labelenumi}{Q.\theenumi: }`

I. `\theenum` = number of list

II. `Q.` is the prefix of the list = Q.1, Q.2, Q.3, Q.4

3.2.2 Renewcommand Example In **Enumerate**

Question of CT:

- | | |
|--|---------|
| Q.1: First Question | 5 marks |
| .a: This will be the same as the previous, because we used for <code>enumi</code> only | |
| Q.2: Second Question | 5 marks |
| Q.3: Third Question | 5 marks |

3.3 New Numbering style:

Q.1 : test

Q.2 : test2

Ans (a): Ans1

Sub Ans (i): sub ans 1

Sub Ans (ii): sub ans 2

Ans (b): Ans2

3.4 Renewcommand In **Itemize**

Code: `\renewcommand{\labelitemi}{\textbf{-}}`

- label and then **item** and then **i** = 1st level of items
- → Multiple types can be combined
- → It has **Double Hyphen (--)** and `\rightarrow` commands combined
 - ★ Sub First
 - ★ Sub Second
 - →◇ Previous levels types can also be used
 - →◇ Sub Sub Second
 - `\blacksquare` with color yellow
 - Sub Sub Sub Second
 - →◇ Sub Sub Third
 - →◇ Sub Sub Fourth
 - ★ Sub Third
- → Third

Chapter 4

Tabbing

4.1 Tabbing

code	output
<pre>\begin{tabbing} \hspace{2cm} \= \hspace{2cm} \= \hspace{2cm} \= \kill 1\= First \kill \= is only for the 1st item 2\>Second \kill 3\>Third \kill \end{tabbing}</pre>	<p>List will look like this</p> <pre>1 First 2 Second 3 Third 1 2</pre>