

Roll No: 2003085

Lab Final [2]

Lab Task Q[1]

Question:

**Q1. (Marks 6) (10 min) Create a Latex program which will format following text: \***

elit ut aliquam purus

Class aptent taciti sociosqu ad litora torquent.

Phasellus volutpat luctus eros, ut imperdiet dui.

Sed augue tellus, dignissim id mollis at, hendrerit vitae ligula.

Solution (Latex Code):

```
%--- Roll - 2003085 -----  
%LE_Q1  
  
\documentclass{article}  
\begin{document}  
    \flushleft  
    \textbf{elit ut aliquam purus}  
    \begin{itemize}  
        \item Class aptent taciti sociosqu ad litora torquent.  
        \item Phasellus volutpat luctus eros, ut imperdiet dui.  
        \item Sed augue tellus, dignissim id mollis at, hendrerit  
vitae ligula.  
    \end{itemize}  
\end{document}
```

Output (Screen/SnapShot of Generated PDF):

**elit ut aliquam purus**

- Class aptent taciti sociosqu ad litora torquent.
- Phasellus volutpat luctus eros, ut imperdiet dui.
- Sed augue tellus, dignissim id mollis at, hendrerit vitae ligula.

## Question: 2

Q2. (Marks 9) (10 min) Create a Latex program which will format following text: \*

Dummy Text Dummy Text

Dummy Text Dummy Text Dummy Text

Dummy Text Dummy Text Dummy Text

Dummy Text Dummy Text Dummy Text

## Solution (Latex Code):

```
%--- Roll - 2003085 -----
%LE_Q2

\documentclass{article}
\usepackage{tabularx}
\begin{document}
  \begin{table}[!hbt]
    \begin{tabular}{|c|c|}
      \hline Dummy Text & Dummy Text \\
      \hline Dummy Text & {
        \begin{tabularx}{|c|c|}
          Dummy Text & Dummy Text\\
        \end{tabularx}}
      \hline
      \hline Dummy Text & {
        \begin{tabularx}{|c|c|}
          Dummy Text & Dummy Text\\
        \end{tabularx}
      }
      \hline
```

```

\hline Dummy Text & {
    \begin{tabularx}{|c|c|}
        Dummy Text & Dummy Text\\
    \end{tabularx}
\hline
\end{tabular}
\end{table}
\end{document}

```

Output (Screen/SnapShot of Generated PDF):

Dummy Text	Dummy Text	
Dummy Text	Dummy Text	Dummy Text
Dummy Text	Dummy Text	Dummy Text
Dummy Text	Dummy Text	Dummy Text

Question: 3

**Q3. (Marks 7) (10 min) Create a Latex program which will create a slide by formatting following text:**

1 Introduction to LATEX

Definition of LATEX

Resources on LATEX

**based on following picture:**

**Solution (Latex Code):**

```

\documentclass{beamer}
\usetheme{JuanLesPins}

```

```

\usepackage[sort]{natbib}
\usepackage{tabularx}

\begin{document}
  \begin{frame}{1 Introduction to LATEX}
    \begin{itemize}
      \item 1 Introduction to LATEX
      \item Definition of LATEX
      \item Resources on LATEX
    \end{itemize}
  \end{frame}
\end{document}

```

Output (Screen/SnapShot of Generated PDF):

- 1 Introduction to LATEX
- Definition of LATEX
- Resources on LATEX

Question: 4

Q4. (Marks 4) (15 min) Create a slide presentation containing every ★ contents of Q1, Q2 and Q3.

Solution (Latex Code):

```

\documentclass{beamer}
\usepackage{graphicx}

% Theme
\usetheme{Madrid}

```

```

%Package
\usepackage[linesnumbered,ruled,vlined]{algorithm2e}
\usepackage{tikz}

% Begin document
\begin{document}

% Outline slide
\begin{frame}{Outline}
  \tableofcontents
\end{frame}

% Welcome slide
\section{Answer the Question no 1}
\begin{frame}[fragile]
\frametitle{ Answer the Question no 1}
\flushleft
\textbf{elit ut aliquam purus}
\begin{itemize}
  \item Class aptent taciti sociosqu ad litora torquent.
  \item Phasellus volutpat luctus eros, ut imperdiet
    dui.
  \item Sed augue tellus, dignissim id mollis at,
    hendrerit vitae ligula.
\end{itemize}
\end{frame}

\section{Answer the Question no 1}
\begin{frame}[fragile]
\frametitle{ Answer the Question no 1}
\flushleft

```

```

\textbf{elit ut aliquam purus}
\begin{itemize}
  \item Class aptent taciti sociosqu ad litora torquent.
  \item Phasellus volutpat luctus eros, ut imperdiet
  dui.
  \item Sed augue tellus, dignissim id mollis at,
  hendrerit vitae ligula.
\end{itemize}
\end{frame}

\section{Answer the Question no 2}
\begin{frame}[fragile]
\frametitle{ Answer the Question no 2}
\begin{table}[!hbt]
  \begin{tabular}{|c|c|}
    \hline Dummy Text & Dummy Text \\
    \hline Dummy Text & {
      \begin{tabularx}{|c|c|}
        Dummy Text & Dummy Text\\
      \end{tabularx}
    }
    \hline
    \hline Dummy Text & {
      \begin{tabularx}{|c|c|}
        Dummy Text & Dummy Text\\
      \end{tabularx}
    }
    \hline
    \hline Dummy Text & {
      \begin{tabularx}{|c|c|}
        Dummy Text & Dummy Text\\
      \end{tabularx}
    }
    \hline
  \end{tabular}

```

```

        \end{tabularx}}
    \hline
\end{tabular}
\end{table}
\end{frame}

\section{Answer the Question no 3}
\begin{frame}[fragile]
\frametitle{ Answer the Question no 3}
\begin{itemize}
    \item 1 Introduction to LATEX
    \item Definition of LATEX
    \item Resources on LATEX
\end{itemize}
\end{frame}

\end{document}

```

**Output (Screen/SnapShot of Generated PDF):**