

Program 1

Develop a LaTeX script to create a simple document that consists of 2 sections [Section1, Section2], and a paragraph with dummy text in each section. And also include header [title of document] and footer [institute name, page number] in the document.

```
\documentclass{article}
\usepackage{fancyhdr}
\usepackage{lipsum} % for dummy text
\pagestyle{fancy}
\fancyhf{} % Clear header and footer
\fancyhead[R]{Latex Programming} % Right header
\fancyfoot[R]{\thepage} % Right header
\fancyfoot[L]{VVIET, Mysore} % Left footer
\begin{document}
    \section{Section 1}
    \lipsum[1-2]
    \section{Section 2}
    \lipsum[1]
\end{document}
```

Program 2

Develop a LaTeX script to create a document that displays the sample Abstract/Summary.

```
\documentclass{article}
\title{Sample Abstract/Summary}
\author{}
\date{}
\begin{document}
\maketitle
\begin{abstract}
This is a sample abstract. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod
tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud
exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.
\end{abstract}
\end{document}
```

Program 3

Develop a LaTeX script to create a simple title page of the VTU project Report [Use suitable Logos and text formatting.

```
\documentclass{article}
\usepackage{graphicx}
\usepackage{geometry}
\begin{document}
\begin{titlepage}
\centering
\includegraphics[width=0.3\textwidth]{vtulogo.png}\par
\vspace{1cm}
{\scshape\LARGE Visvesvaraya Technological University \par}
\vspace{1cm}
{\scshape\Large Project Report\par}
\vspace{1.5cm}
{\huge\bfseries Title of the Project\par}
\vspace{2cm}
{\Large\itshape Your Name\par}
\vfill
Guide: \textsc{Guide's Name}\par
\vfill
{\large \today\par}
\end{titlepage}
\end{document}
```

Program 4

Develop a LaTeX script to create the Certificate Page of the Report [Use suitable commands to leave the blank spaces for user entry]

```
\documentclass{article}
\begin{document}
  \begin{center}
    \textbf{\LARGE Certificate}
  \end{center}
  \vspace{1cm}
  This is to certify that \underline{\hspace{6cm}} has completed the report titled
  \underline{\hspace{8cm}} for the course \underline{\hspace{5cm}}.
  \vspace{2cm}
  \begin{flushright}
    Date: \underline{\hspace{3cm}}
    \underline{\hspace{8cm}} \\
    \textit{(Signature of Supervisor)}
  \end{flushright}
\end{document}
```

Program 5

Develop a LaTeX script to create a document that contains the following table with proper labels.

SL NO	USN	Student Name	Marks		
			Subject 1	Subject 2	Subject 3
1	4XX22XX001	Name 1	89	60	90
2	4XX22XX002	Name 2	78	45	98
3	4XX22XX003	Name 3	67	55	59

```

\documentclass{article}
\usepackage{multirow}
\begin{document}
    \begin{table}
        \caption{Student Results}
        \centering
        \begin{tabular}{|c|c|c|c|c|c|}
            \hline
            \multirow{2}{*}{SL NO} & \multirow{2}{*}{USN} & \multirow{2}{*}{Student Name} & \multicolumn{3}{|c|}{MARKS} \\
            \hline
            \cline{4-6} & & & JAVA & DBMS & Python \\
            \hline
            1 & 4VM22IS001 & ABC & 89 & 60 & 90 \\
            \hline
            2 & 4VM22IS002 & MNQ & 75 & 45 & 98 \\
            \hline
            3 & 4VM22IS003 & XYZ & 67 & 55 & 59 \\
            \hline
        \end{tabular}
    \end{table}
\end{document}

```