```latex
\documentclass{article}
\usepackage{graphicx}
\title{Polynomials Project }
\author{}
\date{}

\begin{document}
\maketitle
```

The provided Java code constitutes a polynomial operations project aimed at facilitating various operations on polynomials. The project incorporates a menu-driven approach to interactively perform polynomial operations .

Key functionalities include:

```latex
\begin{itemize}
    \item Finding roots of quadratic equations.
    \item Performing polynomial addition.
    \item Performing polynomial subtraction.
    \item Performing polynomial multiplication.
    \item Substituting a value for 'x' in a polynomial.
    \item Computing polynomial derivatives.
\end{itemize}
```

The program runs continuously, allowing users to perform multiple operations until they choose to exit by selecting the appropriate option from the menu.

```latex
\begin{center}
\textbf{1) Quadratic Equation Roots}
\end{center}
\begin{figure}[h]
  \centering
  \includegraphics[width=0.6\textwidth]{quadratic_roots_output.png}
  \caption{Output: Quadratic Equation Roots}
  \label{fig:quadratic-roots}
\end{figure}

\begin{figure}[h]
\begin{center}
\textbf{2) Addition of 2 polynomials}
\end{center}

  \centering
  \includegraphics[width=0.6\textwidth]{addition.png}
```

```latex
  \caption{Output: Addition of 2 polynomials}
  \label{fig:addition}
\end{figure}

\begin{figure}[h]
\begin{center}
\textbf{3)Subtraction of 2 polynomials}
\end{center}

  \centering
  \includegraphics[width=0.6\textwidth]{Subtraction.png}
  \caption{Output: Subtraction of 2 polynomials}
  \label{fig:Subtraction}
\end{figure}

\begin{figure}[h]
\begin{center}
\textbf{4) Multiplication of 2 polynomials}
\end{center}

  \centering
  \includegraphics[width=0.6\textwidth]{Multiplication.png}
  \caption{Output: Multiplication of 2 polynomials}
  \label{fig: Multiplication }
\end{figure}

\begin{figure}[h]
\begin{center}
\textbf{5)  Substituting value of x}
\end{center}

  \centering
  \includegraphics[width=0.6\textwidth]{value.png}
  \caption{Output: Substituting value of x}
  \label{fig: value }
\end{figure}

\begin{figure}[h]
\begin{center}
\textbf{6) Derivation of polynomial}
\end{center}

  \centering
  \includegraphics[width=0.6\textwidth]{derivation.png}
```

```
  \caption{Output: Derivation of polynomial}
  \label{fig:derivation}
\end{figure}

\begin{figure}[h]
\begin{center}
\textbf{7) Exit}
\end{center}

  \centering
  \includegraphics[width=0.6\textwidth]{exit.png}
  \caption{Output: Exit}
  \label{fig:exit}
\end{figure}


\end{document}
```