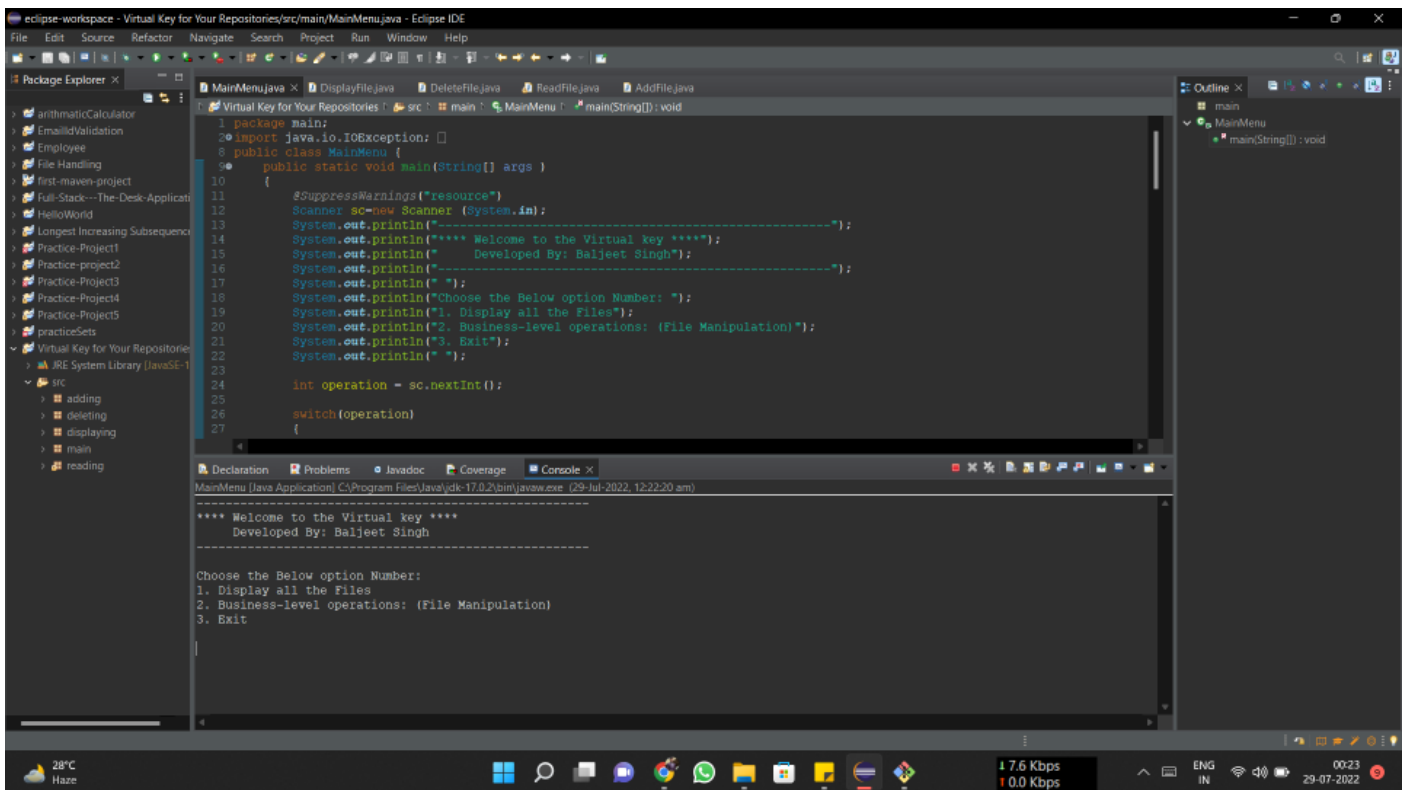


Virtual Key for Your Repositories

1. This is the Welcome screen of the code. Here user has to select the desired option from the points.



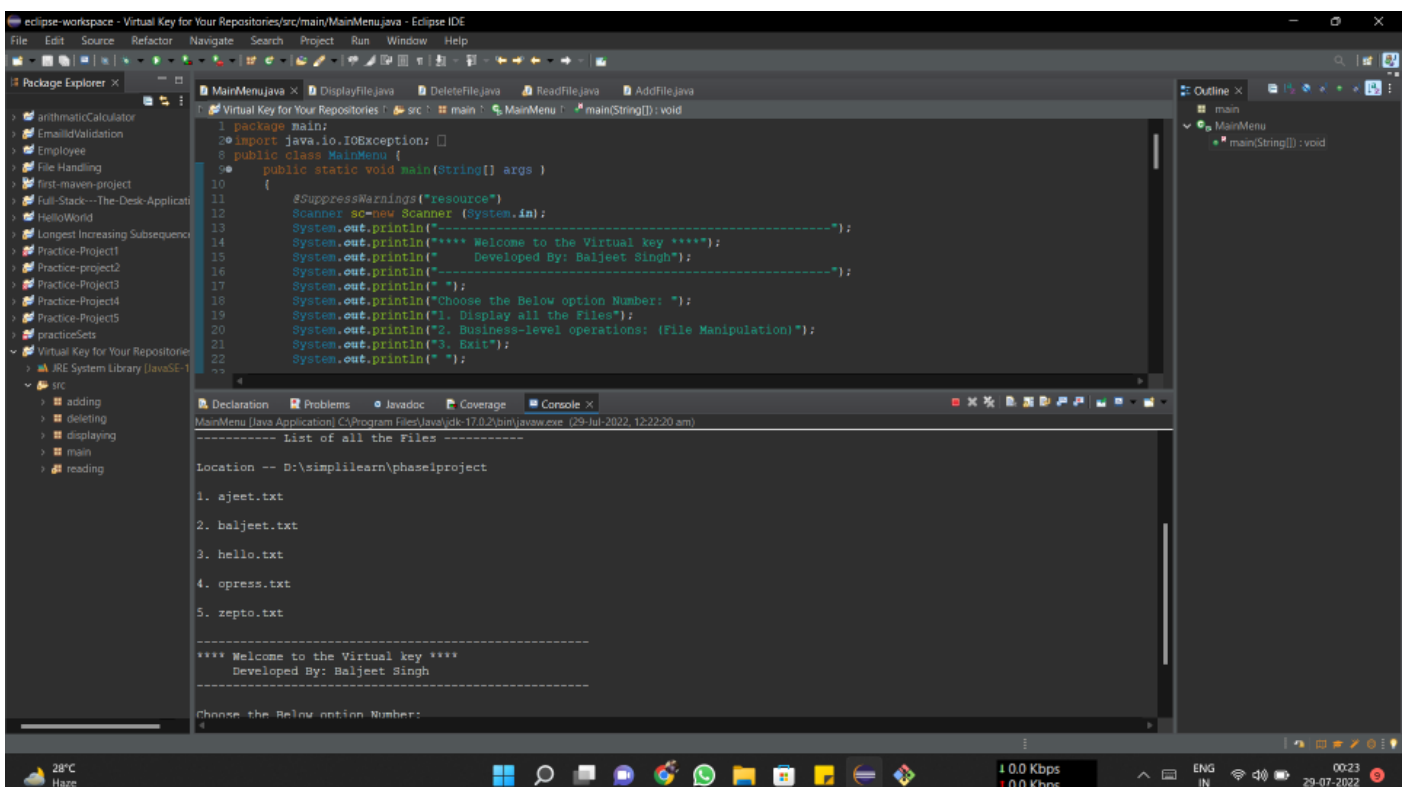
The screenshot shows the Eclipse IDE with the 'Virtual Key for Your Repositories' project. The 'MainMenu.java' file is open, displaying the following code:

```
1 package main;
2 import java.io.IOException;
3
4 public class MainMenu {
5     public static void main(String[] args) {
6         // SuppressWarnings("resource")
7         Scanner sc = new Scanner(System.in);
8         System.out.println("-----");
9         System.out.println("**** Welcome to the Virtual key ****");
10        System.out.println("Developed By: Baljeet Singh");
11        System.out.println("-----");
12        System.out.println(" ");
13        System.out.println("Choose the Below option Number: ");
14        System.out.println("1. Display all the Files");
15        System.out.println("2. Business-level operations: (File Manipulation)");
16        System.out.println("3. Exit");
17        System.out.println(" ");
18
19        int operation = sc.nextInt();
20
21        switch(operation)
22        {
23        }
```

The console output shows the welcome message and the menu options:

```
MainMenu [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\java.exe (29-Jul-2022, 12:22:20 am)
-----
**** Welcome to the Virtual key ****
Developed By: Baljeet Singh
-----
Choose the Below option Number:
1. Display all the Files
2. Business-level operations: (File Manipulation)
3. Exit
```

2. If user selects "option 1. Display all the files" then it will print all the files present in the directory, as shown below.

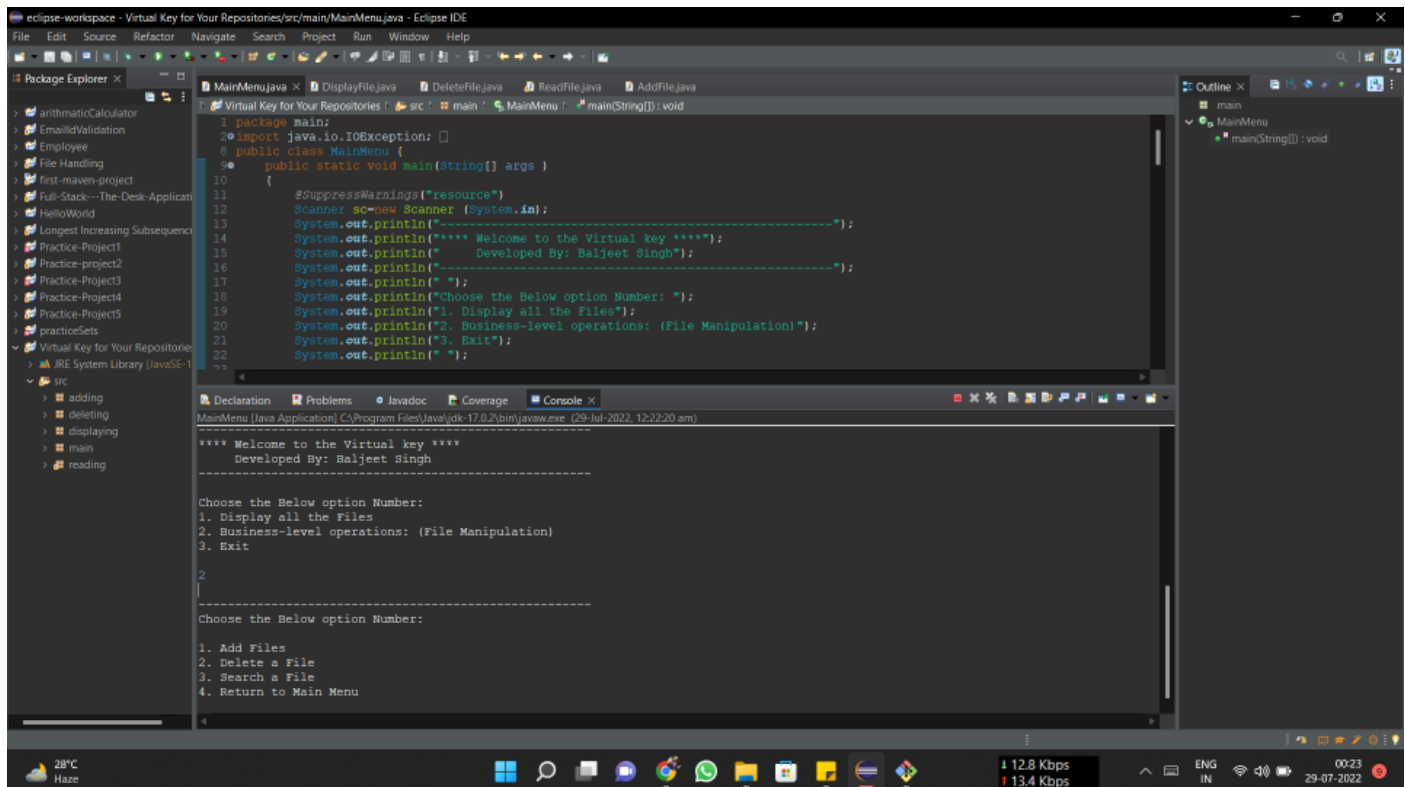


The screenshot shows the Eclipse IDE with the 'Virtual Key for Your Repositories' project. The 'MainMenu.java' file is open, displaying the same code as in the previous screenshot. The console output shows the welcome message and the menu options, followed by the output of selecting option 1:

```
MainMenu [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\java.exe (29-Jul-2022, 12:22:20 am)
-----
**** Welcome to the Virtual key ****
Developed By: Baljeet Singh
-----
Choose the Below option Number:
1. Display all the Files
2. Business-level operations: (File Manipulation)
3. Exit
4

----- List of all the Files -----
Location -- D:\simplilearn\phase1project
1. ajeet.txt
2. baljeet.txt
3. hello.txt
4. opress.txt
5. zepto.txt
-----
**** Welcome to the Virtual key ****
Developed By: Baljeet Singh
-----
Choose the Below option Number:
```

3. If user selects “option 2 Business-level operations: (File Manipulation)”, then this window will come up with several options. As shown below.



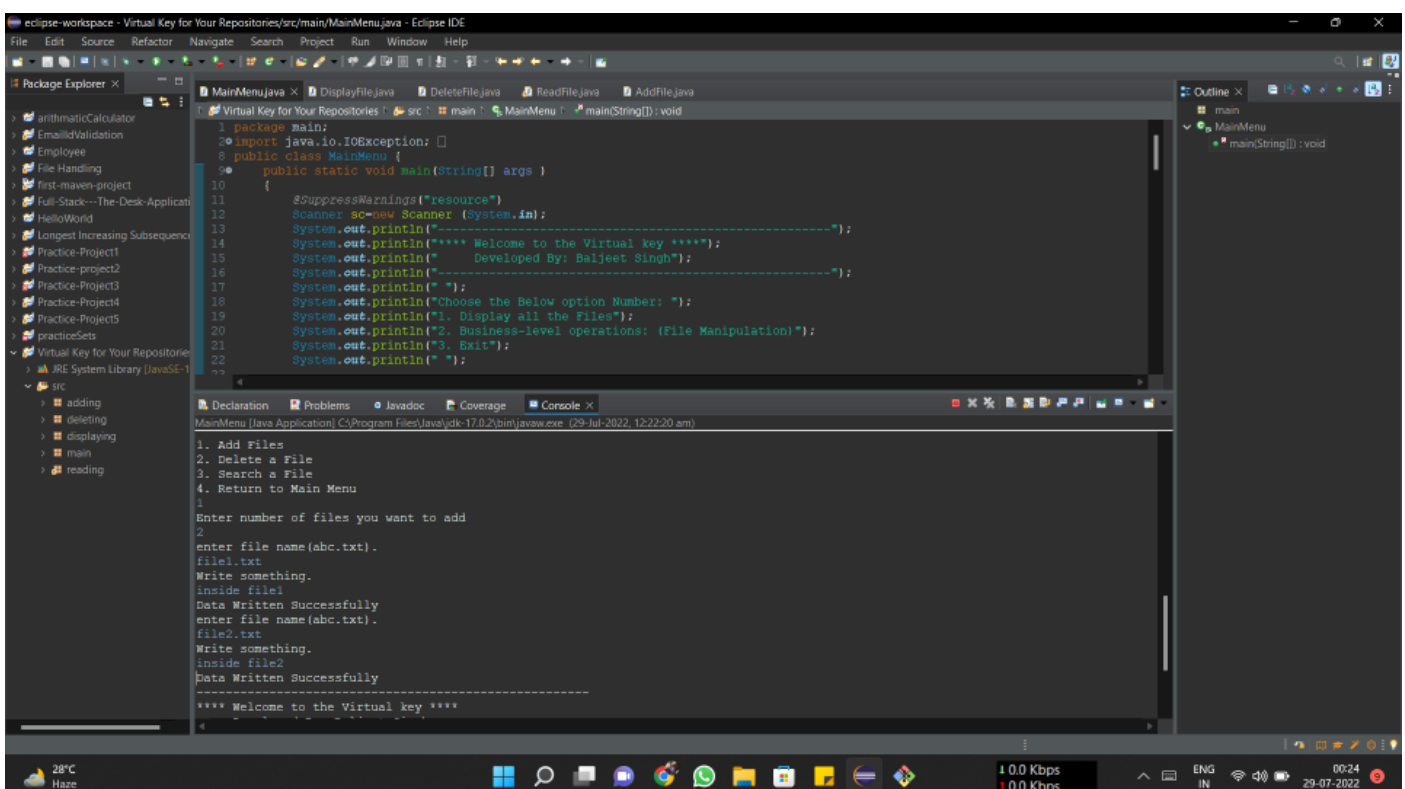
The screenshot shows the Eclipse IDE with the `MainMenu.java` file open. The code defines a `MainMenu` class with a `main` method that displays a menu. The console output shows the program running and displaying the menu options.

```
1 package main;
2 import java.io.IOException;
3 public class MainMenu {
4     public static void main(String[] args)
5     {
6         $SuppressWarnings("resource")
7         Scanner sc=new Scanner (System.in);
8         System.out.println("-----");
9         System.out.println("**** Welcome to the Virtual key ****");
10        System.out.println("      Developed By: Baljeet Singh");
11        System.out.println("-----");
12        System.out.println(" ");
13        System.out.println("Choose the Below option Number: ");
14        System.out.println("1. Display all the Files");
15        System.out.println("2. Business-level operations: (File Manipulation)");
16        System.out.println("3. Exit");
17        System.out.println(" ");
18    }
19 }
20
21
22
```

Console Output:

```
MainMenu [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\java.exe (29-Jul-2022, 12:22:20 am)
**** Welcome to the Virtual key ****
      Developed By: Baljeet Singh
-----
Choose the Below option Number:
1. Display all the Files
2. Business-level operations: (File Manipulation)
3. Exit
-----
2
-----
Choose the Below option Number:
1. Add Files
2. Delete a File
3. Search a File
4. Return to Main Menu
```

4. When user selects “option 1. Add Files”, user will be asked to enter number of files user want to create after that a pop up for file name and after that write something to file, Same will repeat n number of times user given before. And then all files and data will be saved into D: drive.



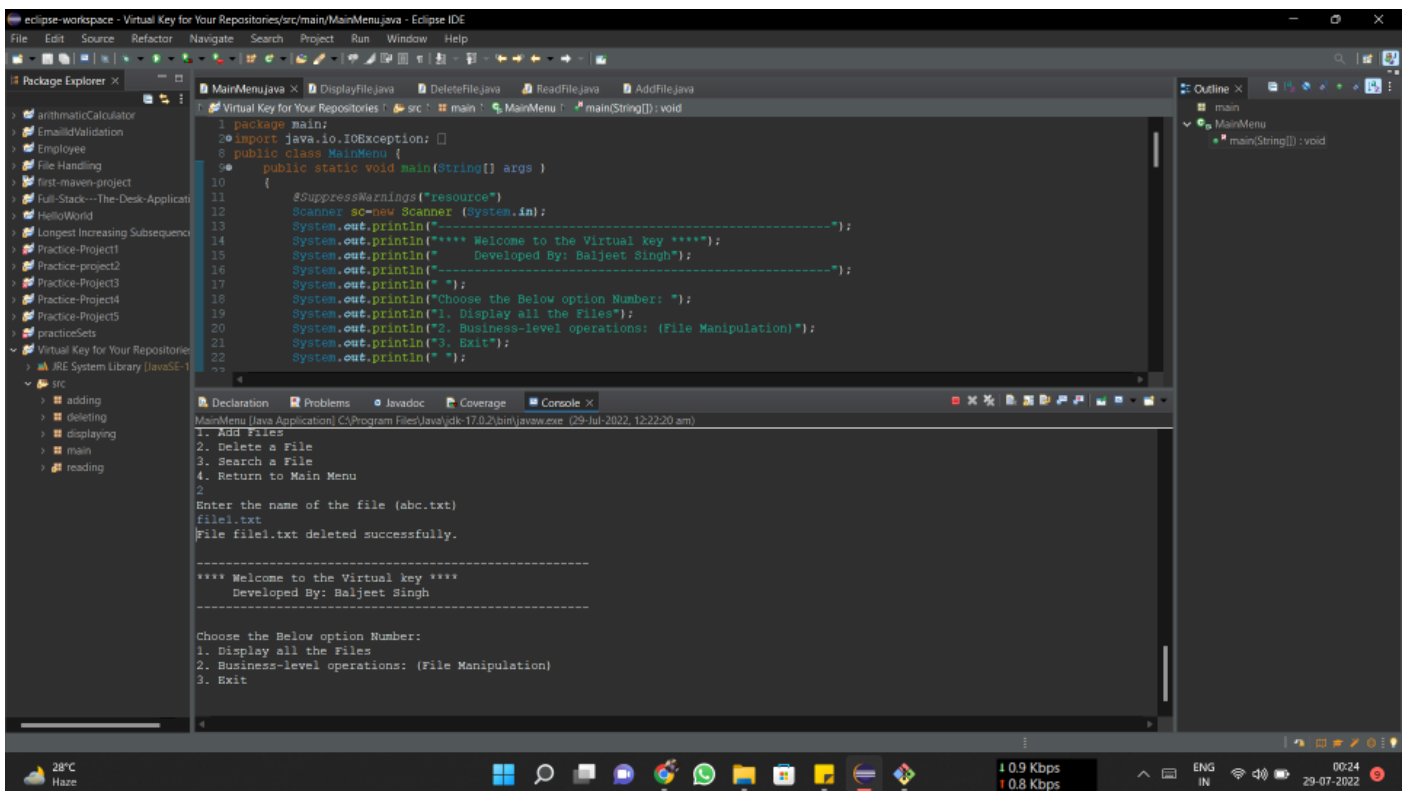
The screenshot shows the Eclipse IDE with the `MainMenu.java` file open. The code is the same as in the previous screenshot. The console output shows the program running and displaying the menu options. The user has selected option 1, and the program has prompted for the number of files to create, the file name, and the content to write to the file. The output shows that the files were created successfully and the data was written to the files.

```
1 package main;
2 import java.io.IOException;
3 public class MainMenu {
4     public static void main(String[] args)
5     {
6         $SuppressWarnings("resource")
7         Scanner sc=new Scanner (System.in);
8         System.out.println("-----");
9         System.out.println("**** Welcome to the Virtual key ****");
10        System.out.println("      Developed By: Baljeet Singh");
11        System.out.println("-----");
12        System.out.println(" ");
13        System.out.println("Choose the Below option Number: ");
14        System.out.println("1. Display all the Files");
15        System.out.println("2. Business-level operations: (File Manipulation)");
16        System.out.println("3. Exit");
17        System.out.println(" ");
18    }
19 }
20
21
22
```

Console Output:

```
MainMenu [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\java.exe (29-Jul-2022, 12:22:20 am)
1. Add Files
2. Delete a File
3. Search a File
4. Return to Main Menu
1
Enter number of files you want to add
2
enter file name(abc.txt).
file1.txt
Write something.
inside file1
Data Written Successfully
enter file name(abc.txt).
file2.txt
Write something.
inside file2
Data Written Successfully
**** Welcome to the Virtual key ****
```

5. When user selects “option 2. Delete a File” user will be asked to enter the name of the file. After that a message will be shown successfully deleted or not as per situations.



```
1 package main;
2 import java.io.IOException;
3
4 public class MainMenu {
5     public static void main(String[] args)
6     {
7         $SuppressWarnings("resource")
8         Scanner sc=new Scanner (System.in);
9         System.out.println("-----");
10        System.out.println("**** Welcome to the Virtual key ****");
11        System.out.println("        Developed By: Baljeet Singh");
12        System.out.println("-----");
13        System.out.println("Choose the Below option Number: ");
14        System.out.println("1. Display all the Files");
15        System.out.println("2. Business-level operations: (File Manipulation)");
16        System.out.println("3. Exit");
17        System.out.println(" ");
18    }
19 }
20
21
22
```

MainMenu [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\java.exe (29-Jul-2022, 12:22:20 am)

1. Add Files
2. Delete a File
3. Search a File
4. Return to Main Menu

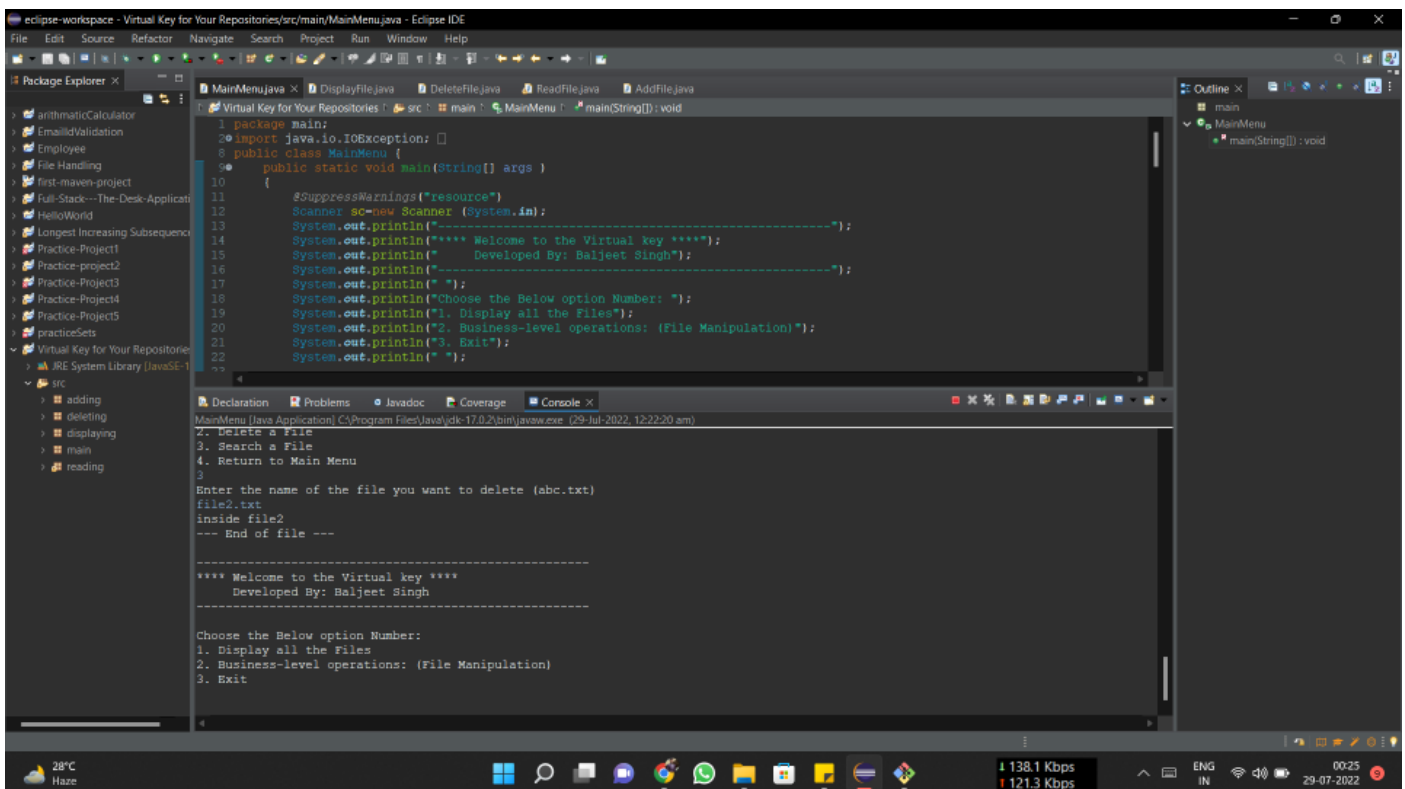
2

Enter the name of the file (abc.txt)
file1.txt
File file1.txt deleted successfully.

**** Welcome to the Virtual key ****
 Developed By: Baljeet Singh

Choose the Below option Number:
1. Display all the Files
2. Business-level operations: (File Manipulation)
3. Exit

6. If user selects “option 3. Search a File”. User has to enter the name of the file and after entering the name it will print the content of file if file available in the directory.



```
1 package main;
2 import java.io.IOException;
3
4 public class MainMenu {
5     public static void main(String[] args)
6     {
7         $SuppressWarnings("resource")
8         Scanner sc=new Scanner (System.in);
9         System.out.println("-----");
10        System.out.println("**** Welcome to the Virtual key ****");
11        System.out.println("        Developed By: Baljeet Singh");
12        System.out.println("-----");
13        System.out.println("Choose the Below option Number: ");
14        System.out.println("1. Display all the Files");
15        System.out.println("2. Business-level operations: (File Manipulation)");
16        System.out.println("3. Exit");
17        System.out.println(" ");
18    }
19 }
20
21
22
```

MainMenu [Java Application] C:\Program Files\Java\jdk-17.0.2\bin\java.exe (29-Jul-2022, 12:22:20 am)

2. Delete a File
3. Search a File
4. Return to Main Menu

3

Enter the name of the file you want to delete (abc.txt)
file2.txt
inside file2
--- End of file ---

**** Welcome to the Virtual key ****
 Developed By: Baljeet Singh

Choose the Below option Number:
1. Display all the Files
2. Business-level operations: (File Manipulation)
3. Exit