FILE READER AND WRITER

AIM

Write a file handling program in Java with reader/writer.

Create a file Register1.txt.

Give user input (your KEAM rank number) to this file using scanner class.

Write the data to the created file.

Then read the contents of the file(use stream class `BufferedReader`).

Display the contents of the file Register1.txt in the console window.

(for writing purpose use FileWriter class and reading purpose use,

FileReader class)

Handle File related exceptions also.

//Program

```java
import java.util.*;
import java.io.*;

public class FileExp2
{
    public static void main(String[] args)
    {
        try
        {
            Scanner sc = new Scanner(System.in);

            // Register1.txt creation
            File obj1 = new File("Register1.txt");
            obj1.createNewFile();
            System.out.println("Register1.txt created\n");

            // Use FileWriter to writing to file
            FileWriter fout = new FileWriter("Register1.txt");
            System.out.print("Enter KEAM rank Number: ");
            int n = sc.nextInt();
            fout.write(n+ "\n");
            fout.close();
            System.out.println("Data added");

            // Reading from Register1.txt
            FileReader fin = new FileReader("Register1.txt");
            BufferedReader br = new BufferedReader(fin);
            String line;
```

```java
        System.out.println("\nContent of Register1.txt is:");
        while ((line = br.readLine()) != null) {
            System.out.println(line);
        }
        br.close();
        }

    catch (IOException e)
    {
        System.out.println("Exception occured: " +
e.getMessage());
    }

    }}
```

Output

```
Register1.txt created

Enter KEAM rank Number:
230987
Data added

Content of Register1.txt is:
230987
```