Sample-1

Create the file and write the result of the console output.

import java.io.*;

```java
class demo5
{
public static void main(String args[ ] ) {
  Float principalAmount = new Float(0);
  Float rateOfInterest = new Float(0);
  int numberOfYears = 0;


  DataInputStream in = new DataInputStream(System.in);
  String tempString;


 try{
 System.out.print("Enter Principal Amount: ");
 System.out.flush();
 tempString = in.readLine();
 principalAmount = Float.valueOf(tempString);
 System.out.print("Enter Rate of Interest: ");
 System.out.flush();
 tempString = in.readLine();
 rateOfInterest = Float.valueOf(tempString);


 System.out.print("Enter Number of Years: ");
 System.out.flush();


 tempString = in.readLine();
 numberOfYears = Integer.parseInt(tempString);
}
catch(IOException e) {}
  // Input is over: calculate the interest
```

```java
        float interestTotal =  principalAmount*rateOfInterest*numberOfYears*0.01f;


    System.out.println("Total Interest = " + interestTotal);
            }
        }
```

Sample-2

```java
import java. util. *;
    import java.io.*;
    class demo2
    {
        static DataInputStream din = new DataInputStream(System.in);
        static StringTokenizer st;
        public static void main (String args[]) throws IOException
        {
            DataOutputStream dos = new DataOutputStream(new
FileOutputStream("invent.txt"));
                // Reading from console
                System.out.println("Enter code number");
                st = new StringTokenizer(din.readLine());
                int code = Integer.parseInt(st.nextToken());
                System.out.println("Enter number of items");
                st = new StringTokenizer(din.readLine());
                int items = Integer.parseInt(st.nextToken());
                System.out.println("Enter cost");
                st = new StringTokenizer(din.readLine());
                double cost = new Double(st.nextToken()).doubleValue();
                // Writing to the file "invent.txt"
                dos.writeInt(code);
                dos.writeInt(items);
                dos.writeDouble(cost);
```

```java
                dos.close();

                // Processing data from the file

                DataInputStream dis = new DataInputStream(new
FileInputStream("invent.txt"));

                int codeNumber = dis.readInt();

                int totalItems = dis.readInt();

                double itemCost = dis.readDouble();

                double totalCost = totalItems * itemCost;

                dis.close();

                // Writing to console

                System.out.println();

                System.out.println("Code Number : " + codeNumber);

                System.out.println("Item Cost        : " + itemCost);

                System.out.println("Total Items    : " + totalItems);

                System.out.println("Total Cost       : " + totalCost);

        }

    }
```