**package** serilization;

**import** java.io.BufferedReader;

**import** java.io.FileReader;

**import** java.io.FileWriter;

**import** java.io.InputStreamReader;

**class** file{

file()

{

**try**{

FileReader fr = **new** FileReader("output.txt");

String str = "";

**int** i;

**while** ((i = fr.read()) != -1)str += (**char**)i;

System.***out***.println("Data Stored in file : \n"+str);

}

**catch**(Exception e)

{

System.***out***.println(e);

}

}

}

**public** **class** deserilization {

**static** **void** solve(){

**try**{

System.***out***.println("\tWELCOME");

**int** option=-1,count=0;

BufferedReader br=**new** BufferedReader(**new** InputStreamReader(System.***in***));

FileWriter fw = **new** FileWriter("output.txt");

**while**(option!=2)

{

count++;

System.***out***.println("1.Add details\n2.Exit");

option=Integer.*parseInt*(br.readLine());

**int** age,rollNo;

String Name,Address;

**if**(option==1)

{

System.***out***.println("Enter Name :");

Name=br.readLine();

System.***out***.println("Enter Roll Number : ");

rollNo=Integer.*parseInt*(br.readLine());

System.***out***.println("Enter age : ");

age=Integer.*parseInt*(br.readLine());

System.***out***.println("Enter Address : ");

Address=br.readLine();

String details=String.*valueOf*(count)+"."+"Name : "+Name+"\n Roll Number : "+rollNo+"\n Age : "+age+"\n Address : "+Address+"\n";

System.***out***.println("Do you want to enter details into file :\n1.Yes\n2.No");

String o=br.readLine();

**if**(o.equals("1"))

{

fw.write(details);

System.***out***.println("Data Stored ");

}

**else**

{

fw.close();

**break**;

}

}

}

System.***out***.println("Do you want view file data on terminal :\n1.Yes\n2.No");

String temp=br.readLine();

**if**(temp.equals("1"))

**new** file();

}

**catch**(Exception e){

System.***out***.println(e);

}

**finally**{

System.***out***.println("Program Completed");

}

}

**public** **static** **void** main(String[] args) {

*solve*();

}

}