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1)Display File content in Console

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package expectionhandling;

import java.io.BufferedReader;

import java.io.File;

import java.io.FileReader;

import java.io.FileWriter;

import java.io.IOException;

import java.util.Scanner;

public class FileContentDisplayInConsole {

public static void main(String[] args) throws IOException {

Scanner sc=new Scanner(System.in);

System.out.print("Enter the Name of File: ");

String fname =sc.nextLine();

File f=new File(fname);

if(!f.exists())

{

f.createNewFile();

System.out.print("Enter the file content");

String content =sc.nextLine();

FileWriter fw=new FileWriter(f);

fw.write(content);

//fw.close();

BufferedReader buf1=new BufferedReader(new FileReader(f));

String str;

while((str=buf1.readLine())!=null)

{

System.out.print(str);

}

fw.close();

buf1.close();

sc.close();

}

BufferedReader buf=new BufferedReader(new FileReader(fname));

String str;

while((str=buf.readLine())!=null)

{

System.out.print(str);

}

buf.close();

sc.close();

}

}

2)Visitors Details

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package expectionhandling;

import java.util.\*;

import java.io.FileNotFoundException;

//import necessary packages

import java.io.File;

// @SuppressWarnings("unchecked")//Do not delete this line

public class Main

{

public void abcd(){

Scanner in = new Scanner(System.in);

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

String name=in.next();

System.out.println("Enter Phone Number");

long phone=in.nextLong();

System.out.println("Enter Email");

String id= in.next();

FileManager f= new FileManager();

File x =f.createFile();

f.writeFile(x,name+","+phone+","+id);

System.out.println("Do you want to enter another record(yes/no)");

String choice=in.next();

if(choice.equals("yes")){

abcd();

}

if(choice.equals("no"))

{String []q=f.readFile(x);

String pl[]=q[0].split(";");

System.out.println("name,"+"phoneNo,"+"EmailId;");

for(int i=0;i<pl.length;i++)

{

System.out.println(pl[i]+" ");

}

System.exit(0);

}

}

public static void main(String[] args)

{

Main asd=new Main();

asd.abcd();

}

}

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package expectionhandling;

import java.io.\*;

import java.util.\*;

@SuppressWarnings("unchecked")//Do not delete this line

public class FileManager

{

static public File createFile()

{

File file =new File("visitors.txt");

try{

file.createNewFile();

}

catch (IOException e)

{

e.printStackTrace(); //prints exception if any

}

return file;

}

//change the return type as per the requirement

static public void writeFile(File f, String record)

{ try {

BufferedWriter out = new BufferedWriter(

new FileWriter(f.getName(),true));

out.write(record+";");

out.close();

}

catch (IOException e) {

System.out.println("exception occoured" + e);

}

}

static public String[] readFile(File f)

{

List<String> tokens = new ArrayList<String>();

try{

File myObj = new File(f.getName());

Scanner myReader = new Scanner(myObj);

while (myReader.hasNextLine()) {

// String [] arr= myReader.nextLine().split(";");

// tokens = Arrays.asList(arr);

tokens.add(myReader.nextLine());

}

myReader.close();

}

catch (FileNotFoundException e) {

System.out.println("An error occurred.");

e.printStackTrace();

}

String[] tokenArray = tokens.toArray(new String[0]);

//=tokenArray.split(";");

return tokenArray;

}

}

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3)Persist Employee

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**package** persistemployee;

**import** java.io.Serializable;

**public** **class** Employee **implements** Serializable {

**private** **int** employeeId;

**private** String name;

**private** **float** appraisalRating;

**public** **int** getEmployeeId() {

**return** employeeId;

}

**public** **void** setEmployeeId(**int** employeeId) {

**this**.employeeId = employeeId;

}

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

**public** **float** getAppraisalRating() {

**return** appraisalRating;

}

**public** **void** setAppraisalRating(**float** appraisalRating) {

**this**.appraisalRating = appraisalRating;

}

**public** Employee(**int** employeeId, String name, **float** appraisalRating) {

**super**();

**this**.employeeId = employeeId;

**this**.name = name;

**this**.appraisalRating = appraisalRating;

}

/\*

\* @Override public String toString() { return "Employee [employeeId=" +

\* employeeId + ", name=" + name + ", appraisalRating=" + appraisalRating + "]";

\* }

\*/

}

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package persistemployee;

import java.io.FileInputStream;

import java.io.FileNotFoundException;

import java.io.FileOutputStream;

import java.io.IOException;

import java.io.ObjectInputStream;

//import java.io.FileWriter;

import java.io.ObjectOutputStream;

import java.util.ArrayList;

import java.util.Iterator;

import java.util.List;

public class EmployeeUtility

{

public boolean addEmployee(String fileName,ArrayList<Employee> employeeList) throws FileNotFoundException, IOException

{

ObjectOutputStream obj=new ObjectOutputStream(new FileOutputStream(fileName));

obj.writeObject(employeeList);

obj.close();

return true;

}

public Employee viewEmployeeById(String fileName,int employeeId) throws ClassNotFoundException, IOException

{

ObjectInputStream obj=new ObjectInputStream(new FileInputStream(fileName));

List<Employee> list=(List<Employee>) obj.readObject();

Iterator<Employee> it=list.iterator();

while(it.hasNext())

{

Employee emp=it.next();

if(emp.getEmployeeId()==employeeId)

{

return emp;

}else

{

continue;

}

}

return null;

}

}

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package persistemployee;

import java.io.FileNotFoundException;

import java.io.IOException;

import java.util.ArrayList;

import java.util.List;

public class Main {

public static void main(String[] args) throws FileNotFoundException, IOException, ClassNotFoundException {

EmployeeUtility emp1=new EmployeeUtility();

ArrayList<Employee> arraylist=new ArrayList<Employee>();

arraylist.add(new Employee(101,"sam",345.56f));

arraylist.add(new Employee(102,"harry",205.56f));

emp1.addEmployee("akio.txt",arraylist );

Employee emp2=emp1.viewEmployeeById("akio.txt", 102);

System.out.println(emp2.getName()+" "+emp2.getEmployeeId()+" "+emp2.getAppraisalRating());

}

}

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4)Find and Replace

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**package** expectionhandling;

**import** java.util.Scanner;

**public** **class** FindAndReplace {

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

**try**

{

Scanner sc=**new** Scanner(System.***in***);

System.***out***.println("Enter the String");

String str=sc.nextLine();

System.***out***.println("Enter the word to be Searched");

String str1=sc.nextLine();

System.***out***.println("Enter the word to be replaced");

String str2=sc.nextLine();

**if**(str.contains(str1))

{

System.***out***.println(str.replace(str1,str2));

}

**else**

{

System.***out***.println(str1+" is not found");

}

}**catch**(Exception e)

{

System.***out***.println("An error ocurred");

}

}

}

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5)Compare Two Strings

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**package** expectionhandling;

**import** java.util.Scanner;

**public** **class** CompareString {

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

Scanner sc=**new** Scanner(System.***in***);

String str1,str2;

System.***out***.println("Enter the first string:");

str1=sc.nextLine();

System.***out***.println("Enter the Second string:");

str2=sc.nextLine();

**if**(str1.equals(str2))

{

System.***out***.println("The Strings are Same");

}

**else**

{

System.***out***.println("The Strings are not Same");

}

}

}

**Output:**

Enter the first string:

WORLD

Enter the Second string:

WORLD

The Strings are Same

Enter the first string:

abc

Enter the Second string:

abcd

The Strings are not Same

6)Counting occurense of sertain charector

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**package** expectionhandling;

**import** java.util.Scanner;

**public** **class** CountingOcrChar {

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

**int** count=0;

**char** ch1;

Scanner sc=**new** Scanner(System.***in***);

String str;

System.***out***.println("Enter the string:");

str=sc.nextLine();

System.***out***.println("Enter the charecter to be counted:");

ch1=sc.next().charAt(0);

**char**[] ch=str.toCharArray();

**for**(**int** i=0;i<str.length();i++)

{

**if**(ch[i]==ch1)

{

count++;

}

}

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

}

}

**Output:**

Enter the string:

mom

Enter the charecter to be counted:

m

2

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7)Concatination

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**package** expectionhandling;

**import** java.util.Scanner;

**public** **class** ConcatGivenTime {

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

Scanner sc=**new** Scanner(System.***in***);

String str,str1="";

System.***out***.println("Enter the string:");

str=sc.nextLine();

System.***out***.println("Enter the number of time "+str+" to be concated:");

**int** a=sc.nextInt();

**for**(**int** i=1;i<=a;i++)

{

str1+=str;

}

System.***out***.println(str1);

}

}

**Output:**

Enter the string:

Some

Enter the number of time Some to be concated:

3

SomeSomeSome

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