

As a component of Internal Assessment

**Assignment
Submitted to the
Department of ISE**

By

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Subject: JAVA Lab(Part-B)

Maximum Marks	
Marks Awarded	

Signature of the Faculty

1. Develop a small java application, which accepts employee id from the command prompt and displays the details using arrays.

```
package javalab;

import java.util.Date;
import java.util.Stack;

public class Employee1
{
    public static void main(String[] args)
    {
        System.out.println("Enter Valid Employee ID : \n");

        int[]
EmpId={1001,1002,1003,1004,1005,1006,1007};//initialize
employee id array

        String[]
EmpName={"Abc","Opqr","Ghi","Wxyz","Jklmn","Stuv","Def"}
;//initialize employee name array

        String[]
JoinDate={"01/04/2009","23/08/2012","12/11/2008","29/01/2013
","16/07/2005","01/01/2000","12/06/2006"};//initialize employee
date of birth array
```

```
char[]    DesigCode={'e','c','k','r','m','e','c'};//initialize  
design code array
```

```
String[]   Department={"R&D","PM","Acct","Front  
Desk","Engg","Manufacturing","PM"};//initialize    department  
array
```

```
double[]  
Basic={20000,30000,10000,12000,50000,23000,29000};//initiali  
ze employee salary array
```

```
double[]  
HRA={8000,12000,8000,6000,20000,9000,12000};//initialize  
hra array
```

```
double[]  
IT={3000,9000,1000,2000,20000,4400,10000};//initialize it array
```

```
char[]    DesignationCode={'e','c','k','r','m'};//initialize  
designation code array
```

```
String[]  
Designation={"Engineer","Consultant","Clerk","Receptionist","  
Manager"};//initialize designation array
```

```
double[]  
DA={20000,32000,12000,15000,40000};//initialize da array
```

```
int flag=0;//to check if id is found or not
```

```
int id=Integer.parseInt(args[0]);;//assign the id we have  
to find
```

```

        for(int i=0;i<EmpId.length;i++)
        {
            if(EmpId[i]==id)
            {
                flag=1;// id found

                System.out.println("Emp Id.   Emp Name
Department   Designation   DA");
                System.out.print(EmpId[i]+"
"+EmpName[i]+"          "+Department[i]);
                for(int j=0;j<DesignationCode.length;j++)
                {

if(DesigCode[i]==DesignationCode[j])//match desigcodes
                    {   System.out.print("
"+Designation[j]+" ");//print designation
                        double
sum=Basic[i]+HRA[i]+DA[j]-IT[i];//calculate salary
                        System.out.print(sum);//          print
salary

                    }
                }
            }
        }
    }

```

```

        if(flag==0)//invalid employee id

            System.out.println("There is no employee with
EmpId : " +id);

        }

    }
}

```

Output

```

aashna@aashna-PC:~$ java /home/aashna/Downloads/Employee1.java
Enter Valid Employee ID :

Exception in thread "main" java.lang.ArrayIndexOutOfBoundsException: Index 0 out of bounds for length 0
    at javalab.Employee1.main(Employee1.java:23)
aashna@aashna-PC:~$ java /home/aashna/Downloads/Employee1.java 1001
Enter Valid Employee ID :

Emp Id.  Emp Name  Department  Designation  DA
1001     Abc          R&D         Engineer     45000.0
aashna@aashna-PC:~$ java /home/aashna/Downloads/Employee1.java 1002
Enter Valid Employee ID :

Emp Id.  Emp Name  Department  Designation  DA
1002     Opqr      PM          Consultant   65000.0
aashna@aashna-PC:~$ java /home/aashna/Downloads/Employee1.java 1009
Enter Valid Employee ID :

There is no employee with EmpId : 1009
aashna@aashna-PC:~$ java /home/aashna/Downloads/Employee1.java 1008
Enter Valid Employee ID :

There is no employee with EmpId : 1008
aashna@aashna-PC:~$ java /home/aashna/Downloads/Employee1.java 1005
Enter Valid Employee ID :

Emp Id.  Emp Name  Department  Designation  DA
1005     Jklmn     Engg        Manager      90000.0
aashna@aashna-PC:~$ 

```

2. Develop a small java application, which uses concepts of Multithreading

package javalab;

import java.util.Date;

import java.util.*;

public class MultiThreading implements Runnable{//thread
creation by implementing the Runnable Interface

```

{
    Thread t;
    static int[] a=new int[51];//creates array a
    static int sum=0;

    Multithreading(String name)
    {
        t=new
Thread(this, name);//creates new thread t

System.out.println("childthread:"+t);

        t.start();//starts
thread t
    }

    public void run()
    {

System.out.println(Thread.currentThread().getName());//prints
the current running thread

if(Thread.currentThread().getName().compareTo("one")==0)
    {

```

```

                                for(int
i=0;i<10;i++)

                                {

sum=sum+a[i];

                                try
                                {

Thread.sleep(1000);// Let the thread sleep for a while.

                                }

                                catch

(InterruptedExcption e)//exception thrown when thread is
interrupted

                                {

e.printStackTrace();

                                }

System.out.println("Sum of 1-10 : " +sum);

                                }

//total=total+sum;

                                }

```

```

else
if(Thread.currentThread().getName().compareTo("two")==0)
{
for(int
j=10;j<20;j++)
{

sum=sum+a[j];

try
{

Thread.sleep(1000);// Let the thread sleep for a while.

}
catch
(InterruptedException e)//exception thrown when thread is
interrupted

{

// TODO Auto-generated catch block

e.printStackTrace();

}

System.out.println("Sum of 10-20 : " +sum);

```



```
}
```

```
//total=total+sum;
```

```
}
```

```
else
```

```
if(Thread.currentThread().getName().compareTo("three")==0)
```

```
{
```

```
for(int
```

```
k=20;k<30;k++)
```

```
{
```

```
sum=sum+a[k];
```

```
try
```

```
{
```

```
Thread.sleep(1000);// Let the thread sleep for a while.
```

```
}
```

```
catch
```

```
(InterruptedException e)//exception thrown when thread is  
interrupted
```

```
{
```

```
e.printStackTrace();
```

}

System.out.println("Sum of 20-30 : " +sum);

}

//total=total+sum;

}

else

if(Thread.currentThread().getName().compareTo("four")==0)

{

for(int

l=30;l<40;l++)

{

sum=sum+a[l];

try{

Thread.sleep(1000);// Let the thread sleep for a while.

}catch (InterruptedException e)//exception thrown when thread is interrupted

{

```
// TODO Auto-generated catch block
```

```
e.printStackTrace();
```

```
}
```

```
System.out.println("Sum of 30-40 : " +sum);
```

```
}
```

```
//total=total+sum;
```

```
}
```

```
else
```

```
if(Thread.currentThread().getName().compareTo("five")==0)
```

```
{
```

```
for(int
```

```
m=40;m<50;m++)
```

```
{
```

```
sum=sum+a[m];
```

```
try
```

```
{
```

```
Thread.sleep(1000);// Let the thread sleep for a while.
```

```
}
```

```
catch
```

```
(InterruptedException e)//exception thrown when thread is  
interrupted
```

```
{
```

```
e.printStackTrace();
```

```
}
```

```
System.out.println("Sum of 40-50 : " +sum);
```

```
//total=total+sum;
```

```
}
```

```
//System.out.println("Total sum is : " +total);
```

```
}
```

```
}
```

```
public static void main(String[] args)
```

```
{
```

```
for(int
```

```
x=0;x<51;x++)
```

```
{
```

a[x]=x+1;

}

System.out.println(Thread.currentThread().getName());

MultiThreading

ob1=new MultiThreading("one");

MultiThreading

ob2=new MultiThreading("two");

MultiThreading

ob3=new MultiThreading("three");

MultiThreading

ob4=new MultiThreading("four");

MultiThreading

ob5=new MultiThreading("five");

Date start=new

Date();

System.out.println("First Thread is Alive? : " +ob1.t.isAlive());

System.out.println("Second Thread is Alive? : " +ob2.t.isAlive());

```
System.out.println("Third Thread is Alive? : " +ob3.t.isAlive());
```

```
System.out.println("Fourth Thread is Alive? : " +ob4.t.isAlive());
```

```
System.out.println("Fivth Thread is Alive? : " +ob5.t.isAlive());
```

```
try
```

```
{
```

```
System.out.println("waiting for Threads to complete");
```

```
ob1.t.join();
```

```
ob2.t.join();
```

```
ob3.t.join();
```

```
ob4.t.join();
```

```
ob5.t.join();
```

```
}
```

```
catch
(InterruptedException e)
{
    // TODO
Auto-generated catch block
e.printStackTrace();
}
```

```
System.out.println("Total sum is : " +sum);
```

```
System.out.println("First Thread is Alive? :"+ob1.t.isAlive());
```

```
System.out.println("Second Thread is Alive? :"+ob2.t.isAlive());
```

```
System.out.println("Third Thread is Alive? :"+ob3.t.isAlive());
```

```
System.out.println("Fourth Thread is Alive? :"+ob4.t.isAlive());
```

```
System.out.println("Fivth Thread is Alive? :"+ob5.t.isAlive());
```

```
System.out.println("Main thread is interupted ");
```


3. Design and Implement GUI for managing Employee Details using concepts of Files.

```
package javalab;
import java.awt.Color;
import java.awt.Dimension;
import java.awt.GridLayout;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.io.File;
import java.io.FileWriter;
import java.io.IOException;
import javax.swing.*.*;

public class EmployeeFile
{
    private static Color black;

    public static void main(String[] args)
    {
        JFrame
        frameobj = new JFrame(); //creating frame

        frameobj.setSize(500, 500); //declaring frame size

        GridLayout
        g1=new GridLayout(5,2); // layout of the frame

        frameobj.setLayout(g1);
        //layout is set to the frame created
```

JPanel(); //creating panels	JPanel p1=new
JPanel();	JPanel p2=new
JPanel();	JPanel p3=new
JPanel();	JPanel p4=new
JPanel();	JPanel p5=new
JPanel();	JPanel p6=new
JPanel();	JPanel p7=new
JPanel();	JPanel p8=new
JPanel();	JPanel p9=new
p10=new JPanel();	JPanel
JLabel("NAME"); //creating labels	JLabel l1=new
JLabel("ID");	JLabel l2=new
JLabel("DOJ");	JLabel l3=new
JLabel("DOB");	JLabel l4=new

```

                                                                    JTextField
f1=new JTextField(); //create object for text field
                                                                    JTextField
f2=new JTextField();
                                                                    JTextField
f3=new JTextField();
                                                                    JTextField
f4=new JTextField();
```

```

f1.setPreferredSize(new Dimension(200,30)); //size of text field
f2.setPreferredSize(new Dimension(200,30));
f3.setPreferredSize(new Dimension(200,30));
f4.setPreferredSize(new Dimension(200,30));
```

```

                                                                    JButton
b1=new JButton("SUBMIT");//create submit button
                                                                    JButton
b2=new JButton("RESET");//create reset button
```

```

b1.addActionListener(new ActionListener());//is notified whenever
you click on the button or menu item
                                                                    {
```

```

@Override
```

```

public
void actionPerformed(ActionEvent e)//is invoked automatically
whenever you click on the registered component
{

File
fileobj=new File("/home/aashna/file.txt");//file path

try
{

FileWriter fw=new FileWriter(fileobj.getAbsolutePath(),true);

System.out.println("\n NAME : " +f1.getText() +"\n" +"ID : "
+f2.getText() +"\n" +"DOJ : " +f3.getText() +"\n" +"DOB : "
+f4.getText() +"\n");//prints details

fw.write("\n NAME : " +f1.getText() +"\n" +"ID : "
+f2.getText() +"\n" +"DOJ : " +f3.getText() +"\n" +"DOB : "
+f4.getText() +"\n");//writes details in file

fw.close();

}
catch
(IOException e1)
{

e1.printStackTrace();

}

});

```

```

b2.addActionListener(new ActionListener()
{

@Override
public
void actionPerformed(ActionEvent e)
{

f1.setText(" ");

f2.setText(null);

f3.setText(null);

f4.setText(null);

}

});

p1.add(l1);
//add labels to panels where labels=name,id,doj,dob
p3.add(l2);
p5.add(l3);
p7.add(l4);

p2.add(f1);
//add text field to panels where text field is user defined
p4.add(f2);
p6.add(f3);

```

p8.add(f4);

p9.add(b1);

//add buttons to panel

p10.add(b2);

//l1.setBorder(BorderFactory.createLineBorder(Color.black));

l1.setBorder(BorderFactory.createLineBorder(black,10));

l2.setBorder(BorderFactory.createLineBorder(black,10));

l3.setBorder(BorderFactory.createLineBorder(black,10));

l4.setBorder(BorderFactory.createLineBorder(black,10));

frameobj.add(p1); //add panels to frames

frameobj.add(p2);

frameobj.add(p3);

frameobj.add(p4);

frameobj.add(p5);

frameobj.add(p6);

```
frameobj.add(p7);
```

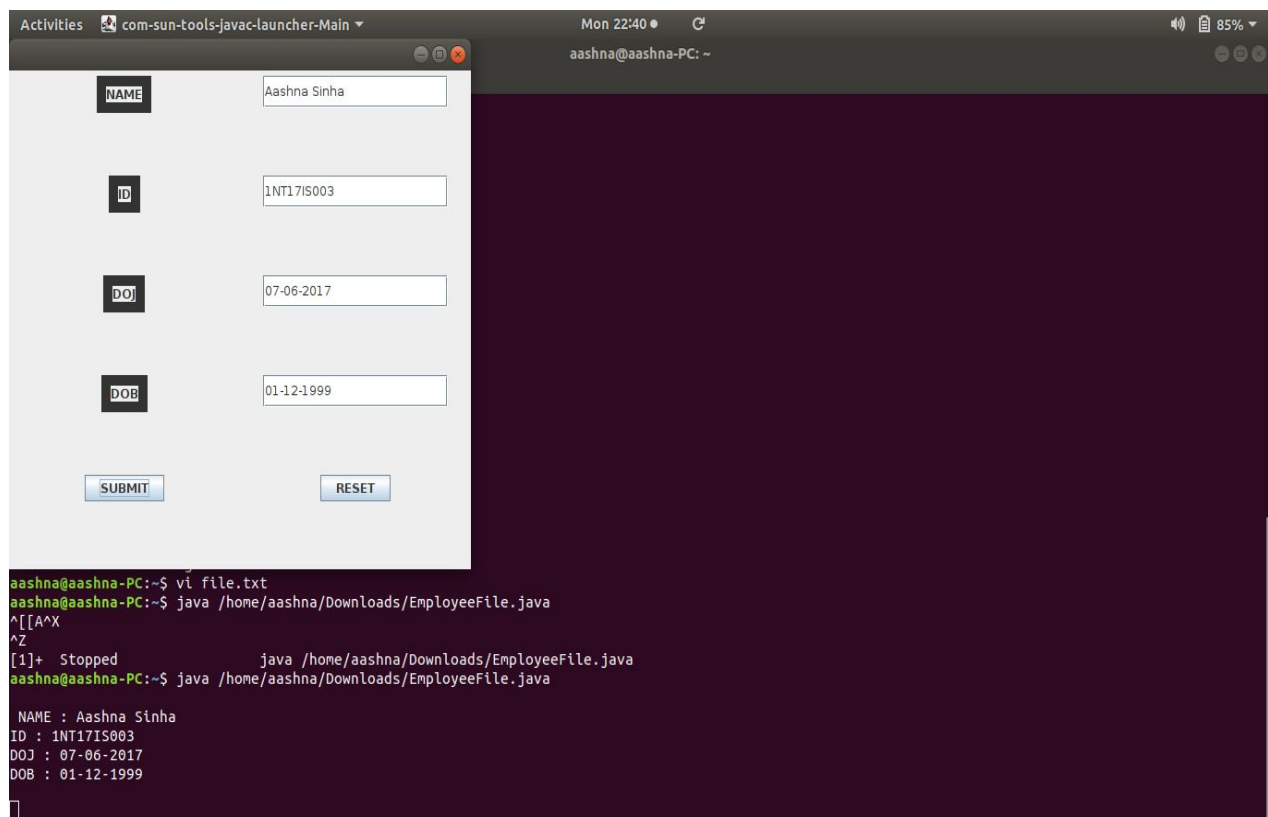
```
frameobj.add(p8);
```

```
frameobj.add(p9);
```

```
frameobj.add(p10);
```

```
frameobj.setVisible(true); // shows the window  
}  
}
```

Output



4. Design and implement a simple inventory central system for a small video rental store using constructors and Object List.

Bean Class File : Video.java

```
public class Video
{
    String mName;
    boolean status;
    double rating;
    public Video(String mName, boolean status, double rating)
    {
        super();
        this.mName = mName;
        this.status = status;
        this.rating = rating;
    }
    public String getmName()
    {
        return mName;
    }
    public void setmName(String mName)
    {
        this.mName = mName;
    }
    public boolean isStatus()
    {
        return status;
    }
}
```



```

    }
    public void setStatus(boolean status)
    {
        this.status = status;
    }
    public double getRating()
    {
        return rating;
    }
    public double setRating(double rating)
    {
        return this.rating = rating;
    }
}

```

Methods Class File : VideoMethods.java

```

import java.util.List;
import java.util.Scanner;
import java.util.ArrayList;

public class VideoMethods
{
    List<Video> MovieList = new ArrayList<Video>();
    public void AddMovies()
    {
        Scanner in=new Scanner(System.in);
        System.out.print("Enter the name of the movie:");
        String mName=in.nextLine();
    }
}

```

```

        System.out.print("Enter the status of the
movie(True/False):");
        boolean status=in.nextBoolean();
        System.out.print("Enter the ratings for the movie(0-5):");
        double rating=in.nextDouble();
        Video v=new Video(mName, status, rating);
        MovieList.add(v);
        System.out.println("Library Initialized");
    }

    public void DisplayAll()
    {
        if(MovieList.isEmpty())
        {
            System.out.println("No movies in the library");
        }
        for(Video m : MovieList)
        {
            System.out.println("Movie : " +m.getMName()+"
"+"Status : "+m.isStatus()+" "+"Rating "+m.getRating());
        }
    }

```

```

    boolean RentOut(String name)
    {
        for(Video m :MovieList)
        {
            if(m.getMName().equalsIgnoreCase(name))
            {
                if(m.isStatus())

```

```

        {
            m.setStatus(false);
            return true;
        }
    }
    return false;
}
return false;
}

```

```

public void CollectIn(String name,double rat)
{
    boolean flag=false;
    for(Video m :MovieList)
    {
        if(m.getMName().equalsIgnoreCase(name))
        {
            m.setStatus(true);
            flag=true;
            Math.round(m.setRating((m.getRating() + rat)/2));
        }
    }
    if(!flag)
    {
        System.out.println("Requested Movie not rented out");
    }
}
}

```

Main Class File: VideoMain.java

```
import java.util.Scanner;

public class VideoMain
{
    public static void main(String args[])
    {
        VideoMethods mm = new VideoMethods();
        while(true)
        {
            System.out.println("%%%%%%%%% VIDEO
LIBRARY CENTER %%%%%%%%%");
            int n;
            Scanner in = new Scanner(System.in);
            System.out.println("1.ADD MOVIES");
            System.out.println("2.DISPLAY MOVIES");
            System.out.println("3.RENT OUT");
            System.out.println("4.COLLECT BACK ");

            System.out.println("PLEASE ENTER YOUR
OPTION");
            n = in.nextInt();
            switch(n)
            {
                case 1:mm.AddMovies();
                break;
                case 2:mm.DisplayAll();
                break;
```

```

        case 3: System.out.print("Enter the movie you want to
rent.");
        in.nextLine();
        if(mm.RentOut(in.nextLine()))
        {
            System.out.println("Rent out successfull");
        }
        else
        {
            System.out.println("Sorry!! Not Available");
        }
        break;
        case 4: System.out.println("Enter the name and the
ratings of the movie");
        in.nextLine();
        mm.CollectIn(in.nextLine(),in.nextDouble());
        break;
    } }
}
}

```

Output

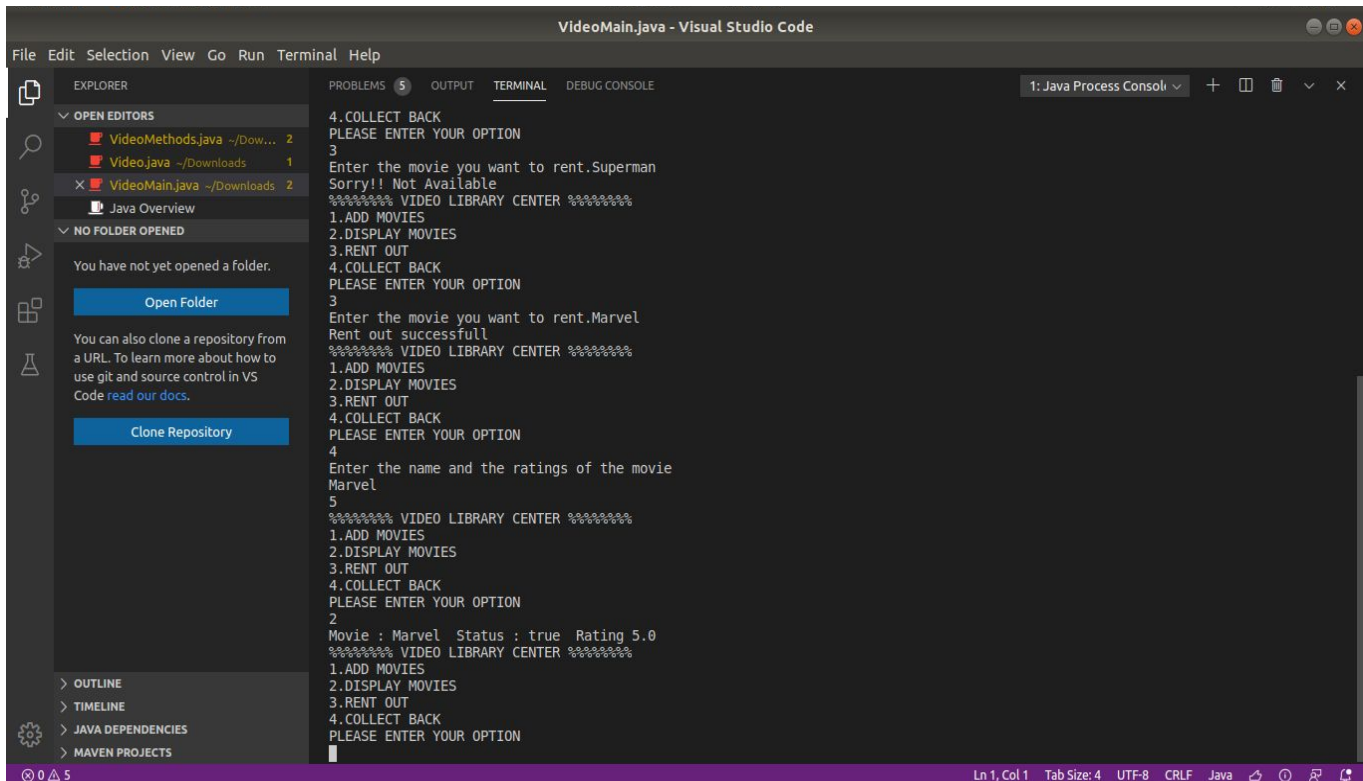
```

VideoMain.java - Visual Studio Code
File Edit Selection View Go Run Terminal Help

EXPLORER
  OPEN EDITORS
    VideoMethods.java ~/Dow... 2
    Video.java ~/Downloads 1
    VideoMain.java ~/Downloads 2
  NO FOLDER OPENED
  You have not yet opened a folder.
  Open Folder
  You can also clone a repository from a URL. To learn more about how to use git and source control in VS Code read our docs.
  Clone Repository

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
  1: Java Process Console
  /usr/lib/jvm/java-8-openjdk-amd64/bin/java -Dfile.encoding=UTF-8 -cp /tmp/vscode..._ef1f8/jdt_ws/jdt.ls-java-project/bin javalab.VideoMain
  aashna@aashna-PC:~$ /usr/lib/jvm/java-8-openjdk-amd64/bin/java -Dfile.encoding=UTF-8 -cp /tmp/vscode..._ef1f8/jdt_ws/jdt.ls-java-project/bin javalab.VideoMain
  ***** VIDEO LIBRARY CENTER *****
  1.ADD MOVIES
  2.DISPLAY MOVIES
  3.RENT OUT
  4.COLLECT BACK
  PLEASE ENTER YOUR OPTION
  1
  Enter the name of the movie:Marvel
  Enter the status of the movie(True/False):true
  Enter the ratings for the movie(0-5):5
  Library Initialized
  ***** VIDEO LIBRARY CENTER *****
  1.ADD MOVIES
  2.DISPLAY MOVIES
  3.RENT OUT
  4.COLLECT BACK
  PLEASE ENTER YOUR OPTION
  2
  Movie : Marvel Status : true Rating 5.0
  ***** VIDEO LIBRARY CENTER *****
  1.ADD MOVIES
  2.DISPLAY MOVIES
  3.RENT OUT
  4.COLLECT BACK
  PLEASE ENTER YOUR OPTION
  3
  Enter the movie you want to rent.Superman
  Sorry!! Not Available
  ***** VIDEO LIBRARY CENTER *****
  1.ADD MOVIES
  2.DISPLAY MOVIES
  3.RENT OUT
  4.COLLECT BACK
  PLEASE ENTER YOUR OPTION
  3

```



5. Given the information about employees of an organization, develop a small java application, using JDBC.

DBConnection.java

```
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.SQLException;
```

```
public class DBConnection  
{  
    public Connection getDBconnection()  
    {  
        Connection conn=null;
```

```

try
{
    Class.forName("com.mysql.jdbc.Driver");
    System.out.println("Registered successfully");
}
catch (ClassNotFoundException e)
{
    e.printStackTrace();
}
try
{
    conn=DriverManager.getConnection("jdbc:mysql://localhost:3306/EMP","root","");
    System.out.println("Connection successfull\n");
}
catch (SQLException e)
{
    e.printStackTrace();
}
return conn;
}
}

```

Employee.java

```

public class Employee
{
    String name;

```

```
int age;
String dept;
double sal;
public String getName()
{
    return name;
}
public void setName(String name)
{
    this.name = name;
}
public int getAge()
{
    return age;
}
public void setAge(int age)
{
    this.age = age;
}
public String getDept()
{
    return dept;
}
public void setDept(String dept)
{
    this.dept = dept;
}
public double getSal()
{
```



```

        return sal;
    }
    public void setSal(double sal)
    {
        this.sal = sal;
    }
}

```

DAO.java

```

import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;

public class DAO
{

    public int insertemp(Employee e)
    {
        int r=0;
        Connection conn=new DBConnection().getDBconnection();
        try
        {
            PreparedStatement pst=conn.prepareStatement("insert
into employee values(?,?,?,?)");
            pst.setString(1, e.getName());
            pst.setInt(2, e.getAge());

```

```

        pst.setString(3, e.getDept());
        pst.setDouble(4, e.getSal());
        r=pst.executeUpdate();
    }
    catch (SQLException e1)
    {
        e1.printStackTrace();
    }
    return r;
}

```

```

public int deleteemp(String emp)
{
    int s=0;
    Connection conn=new DBConnection().getDBconnection();
    try
    {
        PreparedStatement pst=conn.prepareStatement("delete
from employee where name=?");
        pst.setString(1, emp);
        s=pst.executeUpdate();
    }
    catch (SQLException e1)
    {
        e1.printStackTrace();
    }
    return s;
}

```

```

public void displayname(String ename)
{
    Connection conn=new DBConnection().getDBconnection();
    try
    {
        PreparedStatement pst = conn.prepareStatement("select
* from employee where name=?");
        pst.setString(1, ename);
        ResultSet rs=pst.executeQuery();
        while(rs.next())
        {
            System.out.println("Name : " +rs.getString(1)+ "\t"+
"Age : " +rs.getInt(2)+ "\t"+ "Dept :" +rs.getString(3)+ "\t"+
"Salary :" +rs.getDouble(4));;
        }
    }
    catch (SQLException e)
    {
        e.printStackTrace();
    }
}

```

```

public void displayall()
{
    Connection conn=new DBConnection().getDBconnection();
    try
    {

```

```

        PreparedStatement pst=conn.prepareStatement("select *
from employee");
        ResultSet rs=pst.executeQuery();
        while(rs.next())
        {
            System.out.println("Name : " +rs.getString(1)+ "\t"+
"Age : " +rs.getInt(2)+"\t"+ "Dept : " +rs.getString(3)+"\t" +
"Salary : " +rs.getDouble(4));;
        }
    }
    catch (SQLException e1)
    {
        e1.printStackTrace();
    }
}
}

```

FinalDBProgram.java

```

import java.util.Scanner;

public class FinalDBProgram
{
    public static void main(String[] args)
    {
        for( ; ; )
        {
            Scanner in=new Scanner(System.in);

```

```
        System.out.println("\n 1. Insert Emp \n 2. Delete Emp \n  
3. Display Acc to Name \n 4. Display All \n 5. Exit \n");  
        System.out.println("Enter your choice");  
        int n=in.nextInt();
```

```
        Employee e=new Employee();  
        DAO d=new DAO();
```

```
        switch(n)
```

```
{
```

```
    case 1:
```

```
        System.out.println("Enter the Employee Name : ");
```

```
        e.setName(in.next());
```

```
        System.out.println("Enter the Age : ");
```

```
        e.setAge(in.nextInt());
```

```
        System.out.println("Enter the Dept : ");
```

```
        e.setDept(in.next());
```

```
        System.out.println("Enter the Salary : ");
```

```
        e.setSal(in.nextDouble());
```

```
        d.insertemp(e);
```

```
        System.out.println("Employee added successfully");
```

```
        break;
```

```
    case 2:
```

```
        System.out.println("Enter the employee name : ");
```

```
        String Newname=in.next();
```

```
        d.deleteemp(Newname);
```

```
        System.out.println("Employee deleted  
successfully");
```

```
        break;
```

```

        case 3: System.out.println("Enter the Employee name to
display its attributes : ");
                String ename=in.next();
                System.out.println("Employee details...");
                d.displayname(ename);
                break;
        case 4: System.out.println("Employee deatils are as
follows...");
                d.displayall();
                break;
        case 5: System.exit(0);
                break;
        default:
                System.out.println("Please Choose Valid option
\n");
                break;
    }
}
}
}
}

```

Output:

Create Database:

```

create database emp;
use emp;
create table employee
( Name varchar(20) primary key,
  Age int not null,
  Department varchar(20) not null,
  Salary int not null

```

);

Console:

1. Insert Emp
2. Delete Emp
3. Display Acc to Name
4. Display All
5. Exit

Enter your choice

4

Employee deatils are as follows...

Registered successfully

Connection successfull

Name : abc Age : 25 Dept :ISE Salary :25000.0

Name : pqr Age : 30 Dept :ISE Salary :30000.0

1. Insert Emp
2. Delete Emp
3. Display Acc to Name
4. Display All
5. Exit

Enter your choice

1

Enter the Employee Name :

Def

Enter the Age :

28

Enter the Dept :

CSE

Enter the Salary :

26000

Registered successfully

Connection successfull

Employee added successfully

1. Insert Emp

2. Delete Emp

3. Display Acc to Name

4. Display All

5. Exit

Enter your choice

4

Employee details are as follows...

Registered successfully

Connection successful

Name : abc Age : 25 Dept :ISE Salary :25000.0

Name : pqr Age : 30 Dept :ISE Salary :30000.0

Name : Def Age : 28 Dept :CSE Salary :26000.0

1. Insert Emp
2. Delete Emp
3. Display Acc to Name
4. Display All

5. Exit

Enter your choice

3

Enter the Employee name to display its attributes :

Abc

Employee details...

Registered successfully

Connection successfull

Name : abc Age : 25 Dept :ISE Salary :25000.0

1. Insert Emp

2. Delete Emp

3. Display Acc to Name

4. Display All

5. Exit

Enter your choice

2

Enter the employee name :

Abc

Registered successfully

Connection successful

Employee deleted successfully

1. Insert Emp

2. Delete Emp

3. Display Acc to Name

4. Display All

5. Exit

Enter your choice

4

Employee details are as follows...

Registered successfully

Connection successfull

Name : pqr Age : 30 Dept :ISE Salary :30000.0

Name : Def Age : 28 Dept :CSE Salary :26000.0

View Changes.

select * from employee;

Name	Age	Department	Salary
abc	25	ISE	25000
pqr	30	ISE	30000
Def	28	CSE	26000

