ASSIGNMENT CLASS LAB

// Q 1 WAP using parameterized constructor with two parameters id and name. While creating the objects obj1 and obj2

// passed two arguments so that this constructor gets invoked after creation of obj1 and obj2

package ClassLab;

public class Q1ParametrisedConstructor

{

int id; String name;

Q1ParametrisedConstructor(int id, String name)

{

this.name=name; this.id=id;

}

void display(){

System.out.println(" the id & Name is: " +id +" " +name);

}

public static void main(String[] args)

{

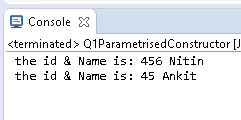
Q1ParametrisedConstructor obj1=new Q1ParametrisedConstructor(456, "Nitin");

Q1ParametrisedConstructor obj2=new Q1ParametrisedConstructor(45, "Ankit");

obj1.display();

obj2.display();

}

}

Sol2: /\*Q 2 Write a program by creating an 'Employee' class having the following methods and print the final salary.

1 - 'getInfo()' which takes the salary, number of hours of work per day of employee as parameter

2 - 'addSal()' which adds 10000 to salary of the employee if it is less than 50000.

3 - 'addWork()' which adds 5000 to salary of employee if the number of hours of work per day is more than 6 hours.

\*/

**package** ClassLab;

**public** **class** Q2Employee {**float** Salary; **int** Hours;

**void** getInfo(**float** Salary, **int** Hours)

{

**this**.Salary=Salary; **this**.Hours=Hours;

};

**void** addSal()

{

**if** (Salary<50000)

Salary= Salary + 10000;

};

**void** addWork()

{

**if** (Hours>6)

Salary= Salary + 5000;

};

**void** adisplay() { System.***out***.println("The final Salary is " +Salary);

System.***out***.println("The final Hours is " +Hours);}

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

{

Q2Employee e= **new** Q2Employee();

e.getInfo(60000, 7);

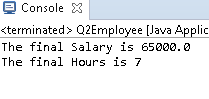
e.addSal();

e.addWork();

e.adisplay();

}

}



//Q 7 wap to ask 6 employee record from user using get and display method show record on console

//after performing sorting on record on basis ofemployee id.

**package** ClassLab;

**import** java.util.Scanner;

**class** Employee1

{

String name;

**int** empid;

**int** salary;

**void** get()

{

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

System.***out***.println("enter name ,empid salary");

name= s.next();

empid= s.nextInt();

salary=s.nextInt();

}

**void** display()

{

System.***out***.println(name +" "+ empid +" "+ salary);

}

**void** sort(Employee1 k[])

{

Employee1 temp= **new** Employee1();

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

{

**for**(**int** j=0;j<k.length-1-i;j++)

{

**if**(k[i].salary> k[i+1].salary)

{

temp= k[i];

k[i]=k[i+1];

k[i+1]=temp;

}

}

}

}

}

**public** **class** Ques7 {

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

Employee1 e[]= **new** Employee1[7];

Employee1 m= **new** Employee1();

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

{

e[i]= **new** Employee1();

e[i].get();

}

m.sort(e);

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

{

e[i].display();

}

}

}

