Task 1- Create a class name as “Trainer” which will have 4 fields name, department , email, id. Trainer can teach Selenium, DevOps, Web Development.

Note- use method, constructor

Trainer details are

Trainer 1 – “Mukesh” ,”Testing”,mukesh@gmail.com, 1

Trainer 2 – “Hitesh” ,”Dev”,mukesh@gmail.com, 2

Trainer 1 – “Mukesh” ,”DevOps”,mukesh@gmail.com, 3

Trainer 1 can teach Selenium, Trainer 2 can teach Web Development, Trainer 3 can teach DevOps.

**METHOD1:**

**package** assignment2;

**public** **class** Trainer\_ {

**public** Trainer\_(String name, String dept, String email, **int** id)

{

System.***out***.println("Selenium trainer details are :::::== "+ "\n" );

System.***out***.println("The trainer name is"+ "" + name+ "\n" +"Trainer dept is"+"" + dept+ "\n" + "THe Trainer email id is " +" "+ email+ "\n" +"The trainer id is " +id +"\n");

}

**public** **void** Trainer\_1(String dname, String Ddept, String Demail, **int** Did)

{

System.***out***.println("WEb Development trainer details are :::::== "+ "\n" );

System.***out***.println("The trainer name is"+ "" + dname+ "\n" +"Trainer dept is"+"" + Ddept+ "\n" + "THe Trainer email id is " +" "+ Demail+ "\n" +"The trainer id is " +Did +"\n");

}

**public** **void** Trainer3(String dname, String Ddept, String Demail, **int** Did)

{

System.***out***.println("Devops trainer details are :::::== "+ "\n" );

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System.***out***.println("The trainer name is"+ "" + dname+ "\n" +"Trainer dept is"+"" + Ddept+ "\n" + "THe Trainer email id is " +" "+ Demail+ "\n" +"The trainer id is " +Did +"\n");

}

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

// **TODO** Auto-generated method stub

Trainer\_ obj=**new** Trainer\_("Mukesh", "Testing", "mukesh@gmail.com", 1);

obj.Trainer\_1("Hitesh", "Dev", "mukesh@gmail.com", 2);

obj.Trainer3("Mukesh", "Devops", "mukesh@gmail.com", 3);

}

}

**METHOD2:**

**package** assignment2;

**public** **class** Trainer {

**public** **void** trainer1() {

String name="Mukesh";

String dept="Testing";

String email=",mukesh@gmail.com";

**int** id=1;

System.***out***.println("Selenium trainer details are :::::== "+ "\n" );

System.***out***.println("Trainer name is: "+name);

System.***out***.println("Trainer dept is : "+ dept);

System.***out***.println("Trainer email id is :" +email);

System.***out***.println("The trainer id is : "+ id+"\n");

}

**public** **void** trainer2()

{

String name="Hitesh";

String dept="Dev";

String email=",mukesh@gmail.com";

**int** id=2;

System.***out***.println("WEb Development trainer details are :::::== "+ "\n" );

System.***out***.println("Trainer name is: "+name);

System.***out***.println("Trainer dept is : "+ dept);

System.***out***.println("Trainer email id is :" +email);

System.***out***.println("The trainer id is : "+ id+"\n");

}

**public** **void** trainer3()

{

String name="Mukesh";

String dept="Devops";

String email=",mukesh@gmail.com";

**int** id=3;

System.***out***.println("Devops trainer details are :::::== "+ "\n" );

System.***out***.println("Trainer name is: "+name);

System.***out***.println("Trainer dept is : "+ dept);

System.***out***.println("Trainer email id is :" +email);

System.***out***.println("The trainer id is : "+ id+ "\n");

}

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

// **TODO** Auto-generated method stub

Trainer obj=**new** Trainer();

obj.trainer1();

obj.trainer2();

obj.trainer3();

}

}

Task 2- Extension of task 1 – Store all trainer information in Array.?

package assignment2;

public class Trainerdetails

{

// TODO Auto-generated constructor stub

}

public static void main(String[] args) {

// TODO Auto-generated method stub

Trainerdetails []arr;

arr=new Trainerdetails[3];

arr[0]=new Trainerdetails(1,"Mukesh", "Testing", "mukesh@gmail.com");

arr[1]=new Trainerdetails(2, "Hitesh", "Dev", "mukesh@gmail.com");

arr[2]=new Trainerdetails(3, "Mukesh", "Devops", "mukesh@gmail.com");

for(int i=1;i<=arr.length;i++)

{

System.out.println("Element at " + i + " : " +

arr[i].id\_no +" "+ arr[i].name);

}

}

}

package assignment2;

public class Trainerinfo\_Array {

private static String trainer\_name;

public Trainerinfo\_Array(int i, String string, String string2, String string3) {

// TODO Auto-generated constructor stub

}

public static void main(String[] args) {

int trainer\_id\_no;

String trainer\_name;

String department;

String trainer\_emailid;

public Trainerinfo\_Array(int trainer\_id\_no1, String trainer\_name1, String department1, String trainer\_emailid1) {

// this.trainer\_id\_no=trainer\_id\_no;

//

// this.trainer\_name=trainer\_name;

//

// this.department=department;

//

// this.trainer\_emailid=trainer\_emailid;

Trainerinfo\_Array []arr;

arr=new Trainerinfo\_Array[3];

arr[0]=new Trainerinfo\_Array(1,"Mukesh", "Testing", "mukesh@gmail.com");

arr[1]=new Trainerinfo\_Array(2, "Hitesh", "Dev", "mukesh@gmail.com");

arr[2]=new Trainerinfo\_Array(3, "Mukesh", "Devops", "mukesh@gmail.com");

for(int i=1;i<=arr.length;i++)

{

System.out.println("Element at " + i + " : " +

arr[i].trainer\_name +" "+ arr[i].trainer\_name);

}

}}

private static void Trainerinfo\_Array() {

// TODO Auto-generated method stub

}

}

Task 3 – Create a program which will store students information and print the output.

Program should ask how many students information you want to store. For each students it should ask name, email, phone, address, status

Once all entries are done, program should ask which user information you want to fetch and should print the same.?

Note- Use scanner class for dynamic students

package assignment2;

import java.util.Scanner;

public class Student\_Info {

public static void main(String[] args) {

// TODO Auto-generated method stub

Scanner info=new Scanner(System.in);

System.out.println("How Many Students information you want to store : ");

int howmnstudent=info.nextInt();

System.out.println("Student name: ");

String name=info.next();

System.out.println("Student emailid: ");

String emailid=info.next();

System.out.println("Student phoneno: ");

long phoneno=info.nextLong();

System.out.println("Student address: ");

String address=info.next();

System.out.println("Student status: ");

String status=info.next();

}

}