Assignment 2

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.

Answer : `package` Test99;

```java
public class Trainer {
    String name;
    String department;
    String  email;
    int id;

    public Trainer (String Trainername,String departmentname,String emailid, int empid)
    {
        name=Trainername;
        department=departmentname;
        email=emailid;
        id=empid;
    }

    Object [] Trainer1= {"Mukesh","Testing","mukesh@gmail.com", 1};
    Object [] Trainer2= {"Hitesh","Dev","Hitesh@gmail.com", 2};
    Object [] Trainer3= {"Mukesh","DevOps","mukesh@gmail.com", 3};

    public static void main(String[] args)
    {
    Trainer Trainerobj1=new Trainer("Mukesh","Testing","mukesh@gmail.com", 1);

    Trainer Trainerobj2=new Trainer("Hitesh","Dev","Hitesh@gmail.com", 2);

    Trainer Trainerobj3=new Trainer("Mukesh","DevOps","mukesh@gmail.com", 3);

        Trainerobj1.displayEmpInformation();
        System.out.println("*********************************************");
        Trainerobj2.displayEmpInformation();
        System.out.println("*********************************************");
        Trainerobj3.displayEmpInformation();
```

```java
        }

        public void displayEmpInformation()
        {
                System.out.println("Name is "+name);
                System.out.println("Department is "+department);
                System.out.println("He can teach "+department);
                System.out.println("Email id is "+email);
                System.out.println("Empid is "+id);
        }

}
```

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

```java
package Test99;

public class Trainer {
        String name;
        String department;
        String  email;
        int id;

        public Trainer (String Trainername,String departmentname,String emailid, int empid)
        {
                name=Trainername;
                department=departmentname;
                email=emailid;
                id=empid;
        }

        Object [] Trainer1= {"Mukesh","Testing","mukesh@gmail.com", 1};
        Object [] Trainer2= {"Hitesh","Dev","Hitesh@gmail.com", 2};
        Object [] Trainer3= {"Mukesh","DevOps","mukesh@gmail.com", 3};

        public static void main(String[] args)
        {
        Trainer Trainerobj1=new Trainer("Mukesh","Testing","mukesh@gmail.com", 1);

        Trainer Trainerobj2=new Trainer("Hitesh","Dev","Hitesh@gmail.com", 2);

        Trainer Trainerobj3=new Trainer("Mukesh","DevOps","mukesh@gmail.com", 3);

                Trainerobj1.displayEmpInformation();
                System.out.println("**********************************************");
                Trainerobj2.displayEmpInformation();
                System.out.println("**********************************************");
                Trainerobj3.displayEmpInformation();
```

```java
        }

        public void displayEmpInformation()
        {
                System.out.println("Name is "+name);
                System.out.println("Department is "+department);
                System.out.println("He can teach "+department);
                System.out.println("Email id is "+email);
                System.out.println("Empid is "+id);
        }

}
```

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

```
Please enter number of student
3
Please enter name
Mukesh
Please enter email
Mukesh@gmail.com
Please enter name
Hitesh
Please enter email
Hitesh@gmail.com
Please enter name
Saksham
Please enter email
saksham@gmail.com
Please enter which student details are you looking for
1
Hitesh
Hitesh@gmail.com
```

```java
package Test99;

import java.util.Scanner;

public class Student {

        private static String String;

        public static void main(String[] args)

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

                System.out.println("Please enter number of students");

                int number=sc.nextInt();

                {
                        for (int i=0;i<number;i++)

                        {

                System.out.println("Please enter name");
                String name1=sc.next();

        System.out.println("Please enter mail id");

                String mailid=sc.next();

         System.out.println("Please enter phone  number ");

                int phonenumber=sc.nextInt();

        System.out.println("Please enter address ");

        String address=sc.next();

        System.out.println("Please enter Status ");

        String status=sc.next();

                }

                        System.out.println("Please enter the number you need to fetch");
                        int numtofetch=sc.nextInt();


                        sc.close();

                        if (numtofetch== number);
                        {
```

```java
                    System.out.println("name is");
        }


}}}
```