**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](mailto:mukesh@gmail.com), 1

Trainer 2 – “Hitesh” ,”Dev”,[mukesh@gmail.com](mailto:mukesh@gmail.com), 2

Trainer 1 – “Mukesh” ,”DevOps”,[mukesh@gmail.com](mailto:mukesh@gmail.com), 3

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

**package** assignmenttwo;

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

String name;

String department;

String email;

**int** id;

**public** Trainer(String TrainerName,String TrainerDept,String Traineremail,**int** Trainerid)

{

name=TrainerName;

department=TrainerDept;

email=Traineremail;

id=Trainerid;

}

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

{

Trainer Trainer1 = **new** Trainer("Mukesh","Selenium","mukesh@gmail.com",1);

Trainer Trainer2 = **new** Trainer("Hitesh","Dev","mukesh@gmail.com",2);

Trainer Trainer3 = **new** Trainer("Mukesh","DevOps","mukesh@gmail.com",3);

Trainer1.selenium();

Trainer2.webDevelopment();

Trainer3.devOps();

}

**public** **void** selenium()

{

System.***out***.println("Trainer1 Name " +name);

System.***out***.println("Trainer1 Department " +department);

System.***out***.println("Trainer1 Emailid " +email);

System.***out***.println("Trainer1 Employeeid " +id);

}

**public** **void** webDevelopment()

{

System.***out***.println("Trainer2 Name " +name);

System.***out***.println("Trainer2 Department " +department);

System.***out***.println("Trainer2 Emailid " +email);

System.***out***.println("Trainer2 Employeeid " +id);

}

**public** **void** devOps()

{

System.***out***.println("Trainer3 Name " +name);

System.***out***.println("Trainer3 Department " +department);

System.***out***.println("Trainer3 Emailid " +email);

System.***out***.println("Trainer3 Employeeid " +id);

}

}

**--------------------------------------------------------------------------------------------------------------------**

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

**package** assignmenttwo;

**public** **class** TrainerArray {

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

{

Object []Trainer1 = {"Mukesh","Testing", "mukesh@gmail.com",1};

Object []Trainer2 = {"Hitesh","Dev","mukesh@gmail.com",2};

Object []Trainer3 = {"Mukesh","DevOps","mukesh@gmail.com",3};

}

}

**--------------------------------------------------------------------------------------------------------------------**

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** assignmenttwo;

//print student details in java

**import** java.util.Scanner;

**class** Student

{

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

Student st = **new** Student();

st.getDetails();

}

**void** getDetails(){

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

System.***out***.println("Enter the below information ti get required student details");

System.***out***.println("Please Enter Number of Students: ");

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

// name, email, phone, address, status

System.***out***.println("Enter Student Name: ");

String name = sc.next();

System.***out***.println("Enter Student Email: ");

String email = sc.next();

System.***out***.println("Enter Student PhoneNumber: ");

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

System.***out***.println("Enter Student Address: ");

String address = sc.next();

System.***out***.println("Enter Student Status: ");

String status = sc.next();

System.***out***.println("Enter the name of user to see the details : ");

String result = sc.next();

sc.close();

}

}

**Note : Partially Executed unable to find the complete solution for the Task-3**