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.

**Answer** : **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();

}

**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.

**Answer** :

**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();

}

**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

Graphical user interface, text, application, email

Description automatically generated

**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);

{

System.***out***.println("name is");

}

}}}