**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.**

Solution:

**package** assignment;

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

String name;

String department;

**int** id;

String email;

**public** Trainer(String tName,String tDep,**int** tId, String tEmail)

{

//System.out.println("Cons Called");

name=tName;

department=tDep;

id = tId;

email=tEmail;

}

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

{

Trainer t1=**new** Trainer("Mukesh","testing",1,"mukesh@gmail.com");

Trainer t2=**new** Trainer("hitesh","dev",2,"hitesh@gmail.com");

Trainer t3=**new** Trainer("Krupakar","devops",3,"krupakar@gmail.com");

t1.automationEngg();

t2.dev();

t3.devOpsEngg();

}

**public** **void** devOpsEngg()

{

System.***out***.println(name + "can teach Devops");

}

**public** **void** automationEngg()

{

System.***out***.println(name + " can teach Selenium");

}

**public** **void** dev()

{

System.***out***.println(name + "can teach Web Devlopment");

}

}

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

Solution:

**package** assignment;

**public** **class** TrainerStoreInArray {

String name;

String department;

**int** id;

String email;

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

{

Trainer[] arr1=**new** Trainer[4];

arr1[0] = **new** Trainer("Mukesh","testing",1,"mukesh@gmail.com");

arr1[1]=**new** Trainer("hitesh","dev",2,"hitesh@gmail.com");

arr1[2]=**new** Trainer("Krupakar","devops",3,"krupakar@gmail.com");

System.***out***.println(arr1[0].name + " can teach Selenium");

System.***out***.println(arr1[1].name + "can teach Web Devlopment");

System.***out***.println(arr1[2].name + "can teach Devops");

}

}

**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

Solution:

**package** assignment;

**import** java.util.\*;

**public** **class** Students {

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

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

String name,email,address;

**int** phone, status,i,id;

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

Students cd = **new** Students();

System.***out***.println("Enter number of students");

status = SC.nextInt();

**for** (i=0;i<status;i++) {

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

name=SC.next();

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

email=SC.next();

System.***out***.println("Enter phone: ");

phone=SC.nextInt();

System.***out***.println("Enter address: ");

address=SC.next();

}

System.***out***.println("which student information you want to fetch");

id = SC.nextInt();

}}