TrainingDemo.java

**package** com.training.demo;

**public** **class** TrainingDemo {

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

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

Training batch1 = **new** Training();

batch1.setInstructor("Medha");

batch1.setNumberOfStudents(10);

batch1.setCourseType("Online");

batch1.setLocation("Fremont");

*printTraining*(batch1);

System.***out***.println("\n");

QA batch2 = **new** QA();

batch2.setInstructor("Shanti");

batch2.setNumberOfStudents(15);

batch2.setCourseType("In Class");

batch2.setLocation("Dublin");

*printTraining*(batch2);

System.***out***.println("\n");

UI batch3 = **new** UI();

batch3.setInstructor("Kumar");

batch3.setNumberOfStudents(20);

batch3.setCourseType("Online");

batch3.setLocation("Dublin");

*printTraining*(batch3);

}

**private** **static** **void** printTraining(Training training){

System.***out***.println("Instructor Name : " + training.getInstructor());

System.***out***.println("Number of Students : " + training.getNumberOfStudents());

System.***out***.println("Course Type : " + training.getCourseType());

System.***out***.println("Class Location : " + training.getLocation());

}

}

Training.java (parent class)

**package** com.training.demo;

**public** **class** Training {

**private** String instructor;

**private** Integer numberOfStudents;

**private** String courseType;

**private** String location;

**public** String getInstructor() {

**return** instructor;

}

**public** **void** setInstructor(String instructor) {

**this**.instructor = instructor;

}

**public** Integer getNumberOfStudents() {

**return** numberOfStudents;

}

**public** **void** setNumberOfStudents(Integer numberOfStudents) {

**this**.numberOfStudents = numberOfStudents;

}

**public** String getCourseType() {

**return** courseType;

}

**public** **void** setCourseType(String courseType) {

**this**.courseType = courseType;

}

**public** String getLocation() {

**return** location;

}

**public** **void** setLocation(String location) {

**this**.location = location;

}

}

QA.java (child class)

**package** com.training.demo;

**public** **class** QA **extends** Training {

}

UI.java (child class)

**package** com.training.demo;

**public** **class** UI **extends** Training {

}