



```
1  class Person {
2      String name;
3      int age;
4
5      Person(String name, int age) {
6          this.name = name;
7          this.age = age;
8      }
9
10     void displayInfo() {
11         System.out.println("Name: " + name + ", Age: " + age);
12     }
13 }
14
15 class Student extends Person {
16     String studentID;
17     String course;
18     int units;
19     final int feePerUnit = 1000;
20
21     Student(String name, int age, String studentID, String course, int units) {
22         super(name, age);
23         this.studentID = studentID;
24         this.course = course;
25         this.units = units;
```

```









26  }
27
28  double calculateFees() {
29      return units * feePerUnit;
30  }
31
32  @Override
33  void displayInfo() {
34      System.out.println("Student Name: " + name + ", Age: " + age +
35                          ", Student ID: " + studentID + ", Course: " + course +
36                          ", Units: " + units + ", Total Fee: " + calculateFees());
37  }
38 }
39
40 class Instructor extends Person {
41     String employeeID;
42     String department;
43     double salary;
44
45     Instructor(String name, int age, String employeeID, String department, double
46 salary) {
47         super(name, age);
48         this.employeeID = employeeID;
49         this.department = department;
50         this.salary = salary;
51     }
52
53     @Override
54     void displayInfo() {
55         System.out.println("Instructor Name: " + name + ", Age: " + age +

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56         ", Employee ID: " + employeeID + ", Department: " + department +
57         ", Salary: " + salary);
58     }
59 }
60
61 public class EnrollmentSystem {
62     static void printDetails(Person p) {
63         p.displayInfo();
64     }
65
66     public static void main(String[] args) {
67         Student student1 = new Student("Mae Ann", 19, "231000319", "Computer
68 Engineering", 5);
69         Student student2 = new Student("Mahalia", 19, "231000328", "Information
70 Technology", 4);
71         Instructor instructor1 = new Instructor("Prof. Judlyn", 26, "E001", "Science,
72 Technology, and Society", 75000);
73         Instructor instructor2 = new Instructor("Engr. Antonia", 40, "E002", "Discrete
74 Math", 80000);
75         printDetails(student1);
76         printDetails(student2);
77         printDetails(instructor1);
78         printDetails(instructor2);
79     }
80 }

```



Main.java

Run

Clear

```
1- class Person {
2-     String name;
3-     int age;
4-
5-     Person(String name, int age) {
6-         this.name = name;
7-         this.age = age;
8-     }
9-
10-    void displayInfo() {
11-        System.out.println("Name: " + name + ", Age: " + age);
12-    }
13- }
14-
15- class Student extends Person {
16-     String studentID;
17-     String course;
18-     int units;
19-     final int feePerUnit = 1000;
20- }
```

```
java -cp /tmp/wbsu1rjLX9/EnrollmentSystem
Student Name: Mae Ann, Age: 19, Student ID: 231000319, Course: Computer
Engineering, Units: 5, Total Fee: 5000.0
Student Name: Mahalia, Age: 19, Student ID: 231000328, Course: Information
Technology, Units: 4, Total Fee: 4000.0
Instructor Name: Prof. Judlyn, Age: 26, Employee ID: E001, Department:
Science, Technology, and Society, Salary: 75000.0
Instructor Name: Engr. Antonia, Age: 40, Employee ID: E002, Department:
Discrete Math, Salary: 80000.0

=== Code Execution Successful ===
```