

Q1 Instructions

0 Points

Your grade on this quiz is simply based on you completing it; you don't have to get the questions correct to get credit. It helps me understand the background of the class. There are a few questions on the survey that are simply to make sure you've read the syllabus.

As a reminder, the course web site is <https://ucsd-cse12-f20.github.io/>

Finish this test/survey before 9AM on Monday, October 5.

Q2 What Prerequisite

1 Point

What prerequisite did you take for CSE12?

- ☒ 8B
- ☐ 11
- ☐ Transfer Credit
- ☐ Other

Q3 When Prerequisite

1 Point

If 8B or 11 was your prerequisite, in what quarter did you take it?

- ☒ Summer 20
- ☐ Spring 20
- ☐ Winter 20
- ☐ Fall 19
- ☐ Summer 19
- ☐ Before 2019-20 Academic Year
- ☐ I didn't take 8B or 11

Q4 Review 1

2 Points

Q4.1 Review 1.1

1 Point

What does this program print if we run the main method?

```
class Coord {
    public int row, col;
    public Coord(int row, int col) {
        this.row = row;
        this.col = col
    }
}

class Car {
    public String color;
    public Coord location;
    public Car(String color, Coord location) {
        this.color = color;
        this.location = location;
    }
}

public class Q1 {
    public void g(Car c1, Car c2) {
        c2 = c1;
        c2.color = "blue";
    }
    public String question () {
        Car redCar = new Car("red", new Coord(5, 6));
        Car greenCar = new Car("green", new Coord(7, 8));
        this.g(redCar, greenCar);
        return redCar.color + ", " + greenCar.color;
    }
    public static void main(String[] args) {
        System.out.println(new Q1().question());
    }
}
```

blue, green

Q4.2 Review 1.2

1 Point

Assuming the same Coord and Car definitions as above, what will this program print?

```

public class Q2 {
    public void f(Coord c) {
        Car car = new Car("blue", c);
        car.location.row = 10;
        car.location.col = 9;
    }
    public int question() {
        Coord unit = new Coord(1, 1);
        Car blackCar = new Car("black", unit);
        this.f(unit);
        return blackCar.location.row;
    }
    public static void main(String[] args) {
        System.out.println(new Q2().question());
    }
}

```

10

Q5 Review 2

1 Point

What does this program print when the main method is run?

```

class O {
    int x = 10;
    int y = 11;
    int z = 12;
    public O(int x, int y, int thisZ) {
        x = x;
        this.y = y;
        z = thisZ;
    }
}

public class Q {
    public static void main(String[] args) {
        O o1 = new O(5, 6, 7);
        System.out.println(o1.x + ", " + o1.y + ", " + o1.z);
    }
}

```

- ☐ 10, 11, 12
- ☐ 5, 6, 7
- ☒ 10, 6, 7
- ☐ 10, 6, 12
- ☐ 5, 6, 12
- ☐ None of the above

Q6 Review 3

1 Point

What does this program print when the main method is run?

```
class Item {
    String name;
    int price;
    public Item(String name, int price) {
        this.name = name;
        this.price = price;
    }
    public boolean equals(Object other) {
        if(!(other instanceof Item)) { return false; }
        Item i = (Item)other;
        return this.name.equals(i.name) && this.price == i.price;
    }
}

public class QQ {
    public static void main(String[] args) {
        Item item1 = new Item("Umbrella", 12);
        Item item2 = new Item("Chair", 30);
        Item item3 = new Item("Umbrella", 12);
        System.out.println(
            (item1 == item2) + ", " +
            item1.equals(item2) + ", " +
            (item1 == item3) + ", " +
            item1.equals(item3) + ", " +
            (item2 == item3) + ", " +
            item2.equals(item3));
    }
}
```

- ☐ false, false, false, false, false, false
- ☐ false, false, true, true, false, false
- ☒ false, false, false, true, false, false
- ☐ false, true, false, true, false, true
- ☐ None of the above

Q7 Policy 1

1 Point

Did you read the policy on programming assignments and collaboration on the course web site, and do you agree to follow that policy?

☒ Yes

Q8 Policy 2

1 Point

True or false: There will be programming assignments in this course where you can discuss your code in detail with other students before the deadline.

- ☒ True
- ☐ False

Q9 Policy 3

1 Point

True or false: There will be programming assignments in this course where the course staff will not help you with your code or algorithmic approach.

- ☒ True
- ☐ False

Q10 Policy 4

1 Point

True or false: Once per quarter, you can submit a programming assignment one day late with no penalty.

☐ True

☒ False

Q11 Exam 1

1 Point

On which dates do we have an online exam? Choose ALL that apply. Now is a good time to mark your calendar :-)

☐ October 28

☒ October 30

☐ November 20

☒ November 25

☐ November 27

Q12 PA1

1 Point

The first programming assignment will be due on....

☐ October 13

☒ October 14

☐ October 15

☐ None of the above