Object-Oriented Programming

Practice Week2

What is wrong in the following code?

```java
if (score >= 60) System.out.println("D");
else if (score >= 70) System.out.println("C");
else if (score >= 80) System.out.println("B");
else if (score >= 90) System.out.println("A");
else System.out.println("F");
```

x	y	x || y	x && y
true	true	true	true
true	false	true	false
false	true	true	false
false	false	false	false

True = 1, False = 0

x	y	x || y	x && y
true **1**	true **1**	true	true
true **1**	false **0**	true	false
false **0**	true **1**	true	false
false **0**	false **0**	false	false

3.10.1 Assuming that x is 1, show the result of the following Boolean expressions:

$$(\text{true}) \,\&\&\, (3 > 4)$$

**3.10.1 Assuming that x is 1,
show the result of the following Boolean expressions:**

1 && 0

(true) && (3 > 4)

True = 1, False = 0

x	y	x || y	x && y
true **1**	true **1**	true	true
true **1**	false **0**	true	false
false **0**	true **1**	true	false
false **0**	false **0**	false	false

3.10.1 Assuming that x is 1, show the result of the following Boolean expressions:

$$!(x > 0) \&\& (x > 0)$$

3.10.1 Assuming that x is 1,
show the result of the following Boolean expressions:

0   &&   1

!(x > 0) && (x > 0)

3.10.1 Assuming that x is 1, show the result of the following Boolean expressions:

$$(x > 0) \; || \; (x < 0)$$

**3.10.1 Assuming that x is 1,
show the result of the following Boolean expressions:**

1   **||**   **0**

(x > 0) || (x < 0)

True = 1, False = 0

x	y	x || y	x && y
true **1**	true **1**	true	true **1**
true **1**	false **0**	true	false
false **0**	true **1**	true	false
false **0**	false **0**	false **0**	false

3.10.1 Assuming that x is 1, show the result of the following Boolean expressions:

$$(x != 0) || (x == 0)$$

3.10.1 Assuming that x is 1,
show the result of the following Boolean expressions:

1   **||**   **0**

(x != 0) || (x == 0)

**3.10.1 Assuming that x is 1,
show the result of the following Boolean expressions:**

$$(x >= 0) \,||\, (x < 0)$$

3.10.1 Assuming that x is 1,
show the result of the following Boolean expressions:

1   **||**   **0**
(x >= 0) || (x < 0)

3.10.1 Assuming that x is 1, show the result of the following Boolean expressions:

$$(x\ !=\ 1)\ ==\ !(x\ ==\ 1)$$

**3.10.1 Assuming that x is 1,
show the result of the following Boolean expressions:**

0 == 0

(x != 1) == !(x == 1)

```java
System.out.println("switch(1)");
switch(1) {
    case 1:
        System.out.println("one");
        break;
    case 2:
        System.out.println("two");
        break;
    case 3:
        System.out.println("three");
        break;
    default:
        System.out.println("default");
        break;
}
```
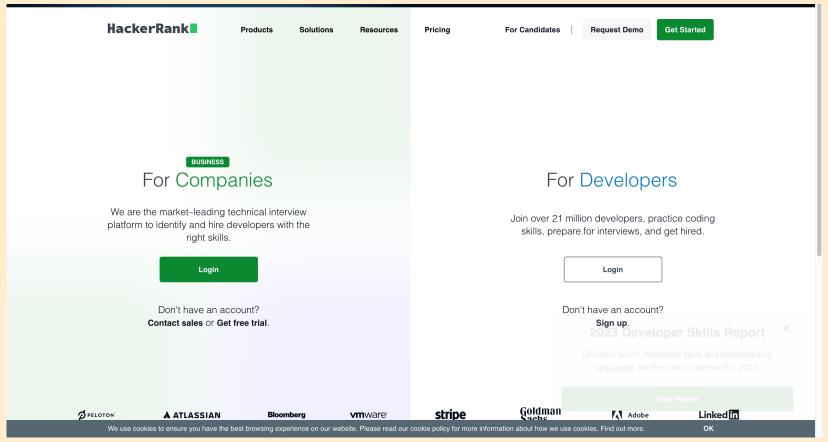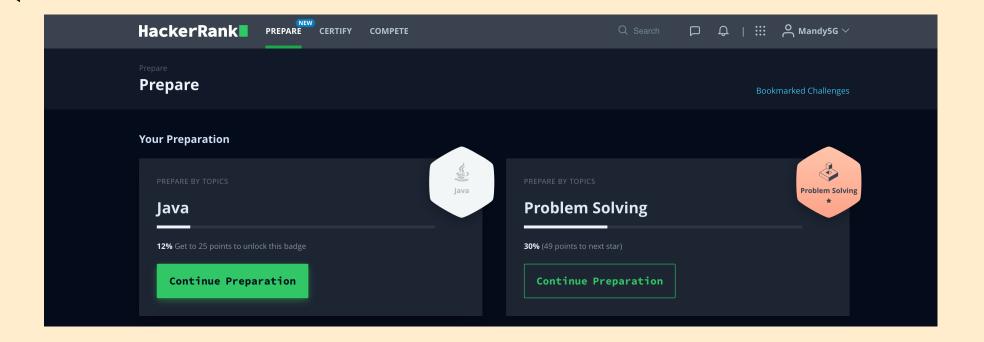
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switch(1) {
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        break;
    case 2:
        System.out.println("two");
        break;
    case 3:
        System.out.println("three");
        break;
    default:
        System.out.println("default");
        break;
}
```

```
switch(1)
one
```

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Introduction to Java

The term Java from Java island....