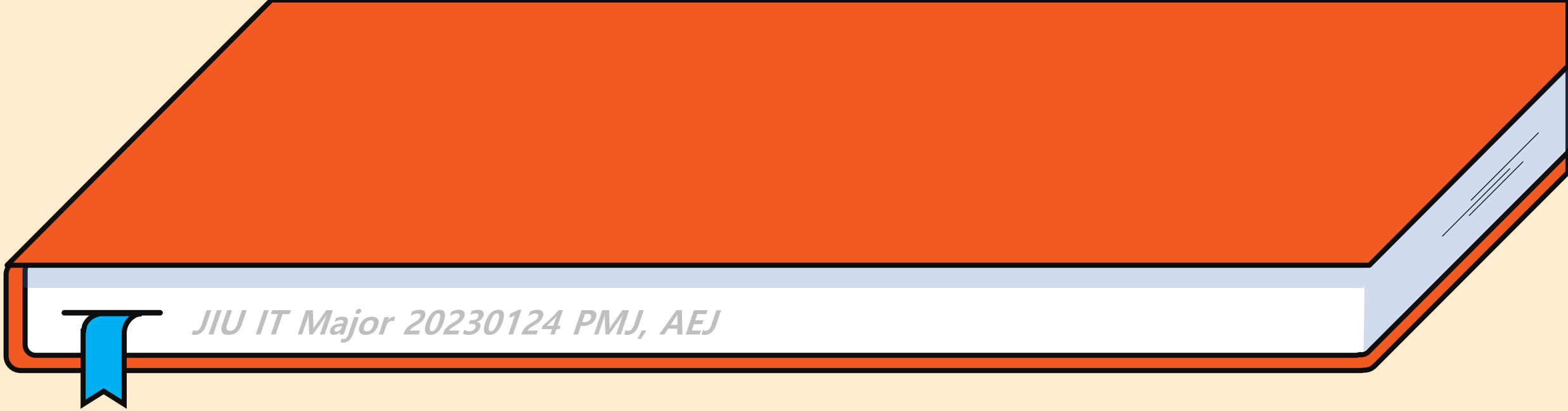


JIU IT Major 20230124 PMJ, AEJ

Object-Oriented Programming

Practice Week2

What is wrong in the following code?

```
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");
```

Question 2. Boolean

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	true	true	true
true	false	true	false
false	true	true	false
false	false	false	false

1 1

1 0

0 1

0 0

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

(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	true	true	true
true	false	true	false
false	true	true	false
false	false	false	false

1 1

1 0

0 1

0 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:

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	true	true	true
true	false	true	false
false	true	true	false
false	false	false	false

1 1 1 1 0 0 0 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 >= 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)
```

True = 1, False = 0

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

1 1 1 1 0 0 0 0

Question 3. Switch

```
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;
}
```

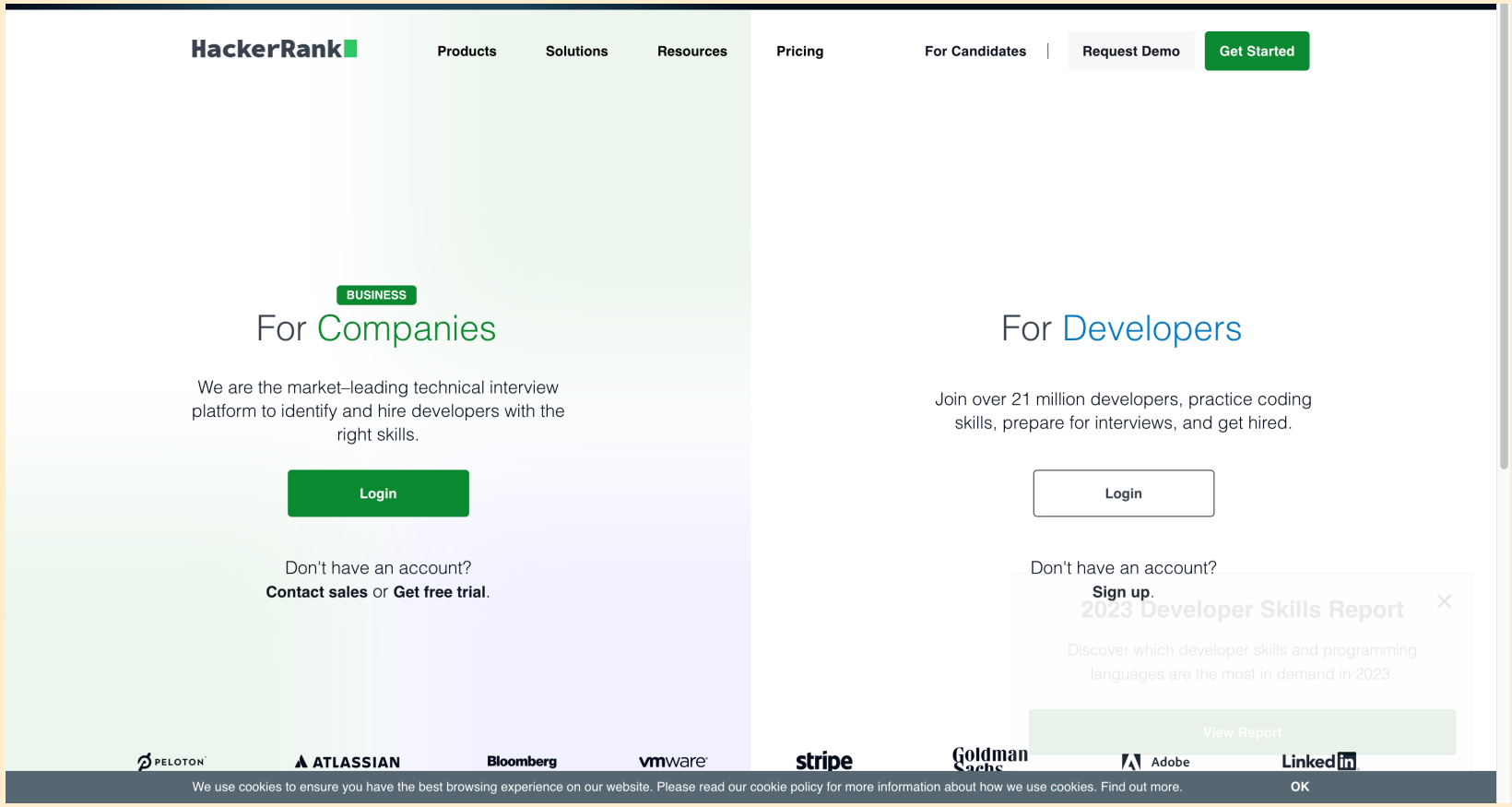
Question 3. Switch

```
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;
}
```

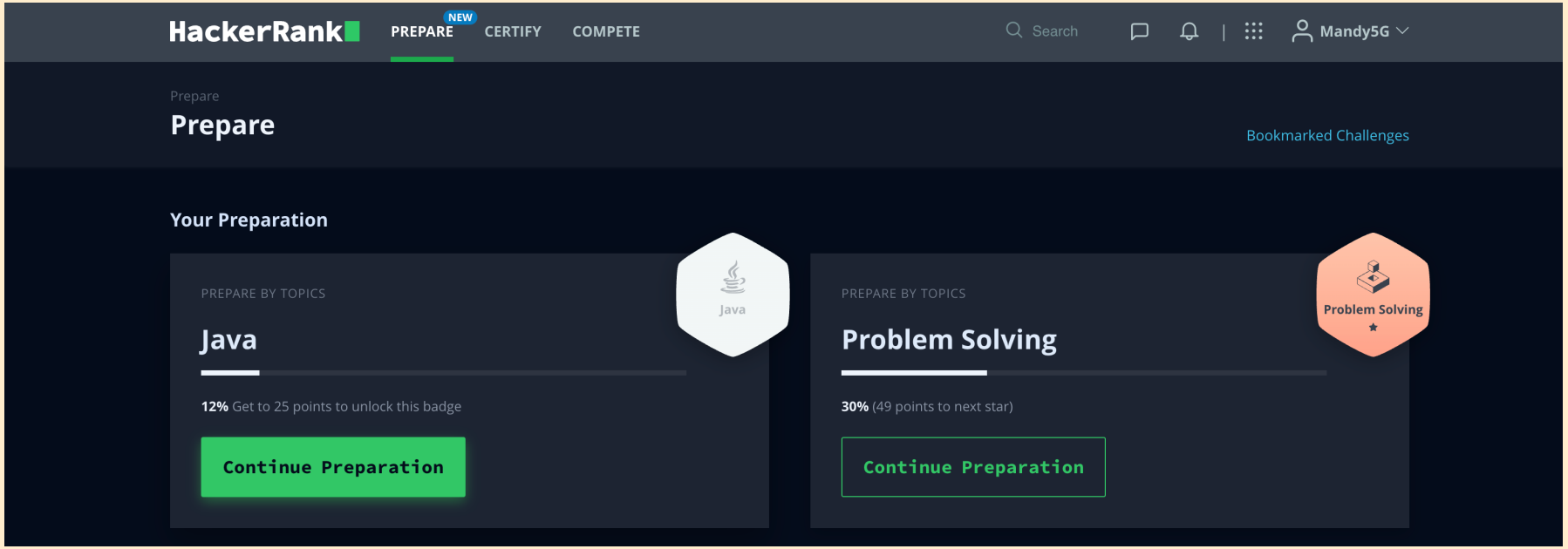
```
switch(1)
one
```

Question 3. Stdin and Stdout

https://www.hackerrank.com/



Question 3. Stdin and Stdout



https://www.hackerrank.com/

Introduction to Java

The term Java from Java island...

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