

## Test week 3

## Question 3

0 / 1 point

Analyze the following code.

```
int x = 0;
if (x > 0);
{
    System.out.println("x");
}
```

- ☐ The symbol x is never printed.
- ☐ The value of variable x is printed once.
- ☒ No output is produced.
- ☐ The symbol x is printed once.



## Question 11

0 / 1 point

Analyze the following code.

```
int x = 1;
while (0 < x) && (x < 100)
    System.out.println(x++);
```

- ☐ The number 2 to 100 are displayed.
- ☐ The code does not compile because (0 < x) & (x < 100) is not enclosed in a pair of parentheses.
- ☒ The code does not compile because the loop body is not in the braces.
- ☐ The loop runs for ever.
- ☐ The number 1 to 99 are displayed.



## Question 12

0 / 1 point

Which of the following expression yields an integer between 0 and 100, inclusive?

- ☐ (int)(Math.random() \* 101)
- ☒ (int)(Math.random() \* 100)
- ☐ (int)(Math.random() \* 100) + 1
- ☐ (int)(Math.random() \* 100 + 1)




## Question 14

0 / 1 point

How many times does the following loop iterate?

```
public class Quizzes {  
    public static void main(String args[]){  
        int cnt = 1;  
        int maxLoop = 30;  
        while (cnt < maxLoop) {  
            if (cnt==3) {  
                break;  
            }  
            cnt++;  
        }  
    }  
}
```

Answer: 2  (3)

## Question 22

0 / 1 point


Using the Google style guide document, select the proper declaration of a Java constant.

☐ int CONSTANT SPEED = 3.0;

 ☒ double final SPEED = 3.0;

☐ float FINAL speed = 3.0;

☐ Final SPEED = 3.0;

 ☐ None of the above

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**Attempt Score:** 20 / 25 - 80 %

**Overall Grade** (highest attempt): 20 / 25 - 80 %