

JAVA Quiz 2

Total points **24/30**

The respondent's email (**shaninishad1999@gmail.com**) was recorded on submission of this form.

✓ What is the correct way to declare a constant variable in Java? * 2/2

☐ a) constant int x = 10;

☒ b) final int x = 10;



☐ c) int x = constant 10;

☐ d) const int x = 10;



✓ What is the output of the following Java code snippet? *

2/2

```
int x = 5;  
int y = x++;  
System.out.println(y);
```

- ☒ a) 5
- ☐ b) 6
- ☐ c) 4
- ☐ d) Error



✗ How do you check if a condition is false in Java using an 'if' statement? * 0/2

- ☒ a) if (condition) { }
- ☐ b) if {condition} { }
- ☐ c) if condition then { }
- ☐ d) if [condition] { }



Correct answer

- ☒ c) if condition then { }



✓ What is the correct way to write a 'do-while' loop in Java? *

2/2

- ☒ a) do { } while (i <= 5);
- ☐ b) do (i <= 5) { }
- ☐ c) do while i <= 5 { }
- ☐ d) do while (i <= 5);



✓ Which keyword is used to create a subclass in Java? *

2/2

- ☐ a) sub
- ☐ b) superclass
- ☒ c) extends
- ☐ d) inherits



✓ How do you convert a string to a floating-point number in Java? *

2/2

☒ a) Float.parseFloat()



☐ b) stringToFloat()

☐ c) toFloat()

☐ d) parseFloat()



✗ What is the output of the following Java code snippet? *

0/2

```
int num1 = 5;  
int num2 = 3;  
double result = num1 / num2;  
System.out.println(result);
```

- ☐ a) 1.6666666666666667
- ☐ b) 1
- ☐ c) 1.5
- ☒ d) Error



Correct answer

- ☒ b) 1



✓ How do you create an array of integers in Java? *

2/2

- ☒ a) `int[] numbers = {1, 2, 3, 4, 5};`
- ☐ b) `array numbers = [1, 2, 3, 4, 5];`
- ☐ c) `int[] numbers = new int[5];`
- ☐ d) `array numbers = new int[5];`



✗ What is the correct way to create a multi-dimensional array in Java? *

0/2

- ☐ a) `int[] numbers = {1, 2, 3}, {4, 5, 6};`
- ☒ b) `int[][] numbers = {1, 2, 3}, {4, 5, 6};`
- ☐ c) `int[][] numbers = {{1, 2, 3}, {4, 5, 6}};`
- ☐ d) `int[] numbers = {{1, 2, 3}, {4, 5, 6}};`



Correct answer

- ☒ c) `int[][] numbers = {{1, 2, 3}, {4, 5, 6}};`



✓ Which Java method is used to compare two strings for equality, ignoring case differences? *2/2

- ☒ a) equalsIgnoreCase() ✓
- ☐ b) compareToIgnoreCase()
- ☐ c) compareIgnoreCase()
- ☐ d) isEqual()

✓ How do you define a constant array in Java? * 2/2

- ☐ a) const int[] numbers = {1, 2, 3};
- ☐ b) int[constant] numbers = {1, 2, 3};
- ☒ c) final int[] numbers = {1, 2, 3}; ✓
- ☐ d) int[] numbers = final {1, 2, 3};



✓ What is the output of the following Java code snippet? *

2/2

```
int num = 10;  
num += 5;  
System.out.println(num);
```

☒ a) 15



☐ b) 5

☐ c) 10

☐ d) Error

✓ How do you convert an integer to a string in Java? *

2/2

☐ a) intToString()

☐ b) string.valueOf()

☐ c) parseString()

☒ d) Integer.toString()



✓ What does the '&&' operator in Java represent? *

2/2

- ☒ a) AND operator
- ☐ b) NOT operator
- ☐ c) OR operator
- ☐ d) XOR operator



✓ What is the correct way to write a 'switch' statement in Java? *

2/2

- ☐ a) case x: break;
- ☐ b) switch (x) { case: break; }
- ☒ c) switch (x) { case x: break; }
- ☐ d) switch x { case: break; }



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