

M3: Quiz 3

Due Feb 1 at 11:59pm**Points** 30**Questions** 10**Time Limit** 12 Minutes

This quiz is no longer available as the course has been concluded.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	12 minutes	21 out of 30

Score for this quiz: **21** out of 30

Submitted Feb 1 at 9:57pm

This attempt took 12 minutes.

Question 1

0 / 3 pts

Which of these are object (or reference) types? Choose all that apply.

You Answered

☒ int

You Answered

☒ double**Correct!**☒ Scanner

You Answered

☒ char**Correct!**☒ String

Question 2

3 / 3 pts

The `new` operator calls the _____ of class to create an instance or object of the class.

- ☐ `object`
- ☐ `public`
- ☒ `constructor`
- ☐ `null`
- ☐ `int`

Correct!

Question 3

3 / 3 pts

Reference variables which are aliases point to the same object in memory.

- ☒ `True`
- ☐ `False`

Correct!

Question 4

0 / 3 pts

What is printed to standard output based on the following lines of code?

```
double x = 8.765555;  
  
DecimalFormat form = new  
    DecimalFormat("00.0#");  
  
System.out.print(form.format(x));
```

☐ 8.76☐ 00.0#☐ 8.765555

Correct Answer

☐ 08.77

You Answered

☒ none of the above**Question 5****0 / 3 pts**

`Math.random()` will return a double in the range _____.

☐ 0 to 99☐ All positive numbers☐ All real numbers

Correct Answer

☐ 0 to 1 (excluding 1)

You Answered

☒ None of the above**Question 6****3 / 3 pts**

Autoboxing is the automatic conversion of a primitive value to a corresponding wrapper object.

Correct!

☒ True☐ False

Question 7**3 / 3 pts**

Creating an object is called _____.

☐ encapsulation

☒ instantiation

☐ declaration

☐ notification

☐ proclamation

Correct!**Question 8****3 / 3 pts**

Refer to the following code for this question:

```
String moon = "Europa";  
String planet = "Jupiter";  
String join = " and ";  
String phrase =  
    (moon.concat(join)).concat(planet);
```

What is the value of `myChar` after the following line of code is executed?

```
char myChar = moon.charAt(3);
```

☐ 'r'

☒ 'o'

Correct!

- ☐ 'p'
- ☐ 'E'
- ☐ none of the above

Question 9**3 / 3 pts**

Refer to the following code (repeated from the previous question) for this question:

```
String moon = "Europa";  
String planet = "Jupiter";  
String join = " and ";  
String phrase =  
(moon.concat(join)).concat(planet);
```

What is the value of the String phrase?

Correct!

- ☒ Europa and Jupiter
- ☐ Europa
- ☐ Jupiter and Europa
- ☐ Jupiter
- ☐ none of the above

Question 10**3 / 3 pts**

Refer to the following code (repeated from the previous question) for this question:

```
String moon = "Europa";  
String planet = "Jupiter";  
String join = " and ";  
String phrase =  
    (moon.concat(join)).concat(planet);
```

What is the value of `newStr` after the following line of code is executed?

```
String newStr = planet.replace('E', '!');
```

☐ Jupit!r

☐ !uropa

☐ and

☒ Jupiter

☐ none of the above

Correct!

Quiz Score: **21** out of 30