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# Graded Quiz Unit 3

Programming 1 (University of the People)

:020	Graded	Quiz Unit 3: Attempt review			
Started on	Wednesday, 8 July 2020, 7:14 PM				
State	Finished				
Completed on	Wednesday, 8 July 2020, 7:43 PM				
Time taken	28 mins 53 secs				
Marks	13.00/20.00				
Grade	<b>65.00</b> out of 100.00				
Question 1	Incorrect Mark 0.00 out of 1.00				
In a <u>for</u> loop, how i	nany times does the <u>update</u> run?				
Select one:					
<ul><li>a. At least once</li></ul>	, at the end of each iteration.				
b. At least once, at the beginning of each iteration.					
<ul><li>c. Zero or more</li></ul>	times, at the beginning of each iteration.				
d. Exactly once					
d. Exactly once					
d. Exactly once	times, at the end of each iteration.				
d. Exactly once	times, at the end of each iteration.				
d. Exactly once e. Zero or more  Your answer is incor See Section 3.4.1 or	times, at the end of each iteration.				
d. Exactly once e. Zero or more  Your answer is incor See Section 3.4.1 or	times, at the end of each iteration.  rect. Eck (2014).				
d. Exactly once e. Zero or more  Your answer is incor See Section 3.4.1 or	times, at the end of each iteration.  rect. Eck (2014).				
d. Exactly once e. Zero or more  Your answer is incor See Section 3.4.1 or The correct answer	times, at the end of each iteration.  rect.  Eck (2014). s: Zero or more times, at the end of each iteration.	ram does not work?			
d. Exactly once e. Zero or more  Your answer is incor See Section 3.4.1 or The correct answer  Question 2  Which of the follow	times, at the end of each iteration.  rect.  Eck (2014). s: Zero or more times, at the end of each iteration.  Correct Mark 1.00 out of 1.00	ram does not work?			
d. Exactly once e. Zero or more  Your answer is incor See Section 3.4.1 or The correct answer  Question 2  Which of the follow Select one:	times, at the end of each iteration.  rect. Eck (2014). s: Zero or more times, at the end of each iteration.  Correct Mark 1.00 out of 1.00  ring is NOT an effective strategy when your progr				
d. Exactly once e. Zero or more  Your answer is incor See Section 3.4.1 or The correct answer  Question 2  Which of the follow Select one: a. Add debuggi	times, at the end of each iteration.  rect.  Eck (2014). s: Zero or more times, at the end of each iteration.  Correct Mark 1.00 out of 1.00  ring is NOT an effective strategy when your programs statements to output information about the state of				
d. Exactly once e. Zero or more  Your answer is incor See Section 3.4.1 or The correct answer  Question 2  Which of the follow Select one: a. Add debuggi	times, at the end of each iteration.  rect. Eck (2014). s: Zero or more times, at the end of each iteration.  Correct Mark 1.00 out of 1.00  ring is NOT an effective strategy when your progr				
d. Exactly once e. Zero or more Your answer is incor See Section 3.4.1 or The correct answer  Question 2  Which of the follow Select one: a. Add debuggi b. Read through	times, at the end of each iteration.  rect.  Eck (2014). s: Zero or more times, at the end of each iteration.  Correct Mark 1.00 out of 1.00  ring is NOT an effective strategy when your programs statements to output information about the state of				
d. Exactly once e. Zero or more Your answer is incor See Section 3.4.1 or The correct answer  Question 2  Which of the follow Select one: a. Add debuggi b. Read througi c. Check each	times, at the end of each iteration.  rect. Eck (2014). s: Zero or more times, at the end of each iteration.  Correct Mark 1.00 out of 1.00  ring is NOT an effective strategy when your programs statements to output information about the state of a your code and figure out what it does step by step.	your program while it runs.			

Your answer is correct.

See Section 3.2.3 of Eck (2014).

The correct answer is: Make random changes to code that you do not understand until it accidentally

Question 3 Correct Mark 1.00 out of 1.00

Consider the following Java program:

What starts on line 1?

# Select one:

- a. a method (subroutine) definition
- b. a class definition
- o. a variable declaration
- d. a statement
- e. a comment

Your answer is correct.

See Section 2.1 of Eck (2014).

The correct answer is: a class definition

Question 4

Correct Mark 1.00 out of 1.00

Assume that the variables "x" and "y" both have type "int". Which one of the following is NOT a boolean expression?

#### Select one:

- a. x = y 

  ✓
- b. x >= y
- o. ((x > 0) && (y > 0))
- $\bigcirc$  d. (x > 0) ? (x > y) : (x < y)

Your answer is correct.

"x = y" is an int assignment statement. The other choices are all legal boolean expressions. See Sections 2.5.4 and 2.5.6 of Eck (2014).

The correct answer is: x = y

Question 5 Correct Mark 1.00 out of 1.00

# Consider the following Java program:

What starts on line 4?

# Select one:

- a. a class definition
- b. a method (subroutine) definition
- c. a statement
- d. a variable declaration
- e. a comment

Your answer is correct.

See Section 2.1 of Eck (2014).

The correct answers are: a statement, a class definition

Question 6

Correct Ma

Mark 1.00 out of 1.00

Which of the following keywords is useful for making a loop that may execute forever or may not execute at all?

### Select one:

- a. break
- b. do
- o. switch
- d. continue
- e. while

Your answer is correct.

See Section 3.3.1 of Eck (2014).

The correct answer is: while

Question 7

Correct Mark 1.00 out of 1.00

1. Consider the following class definition. Which variables can be used in the missing "println" expression on line 12? 1 public class PrintStuff 2 { 3 public static void main() 4 { 6 7 int i = -1; 8 System.out.println( ); 9 10 int j = 1; for (j = 0; j < 10; j++) { 11 12 System.out.println(\_ 13 14 { 15 int k; for (k = 0; k < 10; k++) { 16 17 System.out.println(\_\_\_ 18 19 20 System.out.println(\_\_\_ 21 22 } Select one: a. Only "j" 

✓ b. 1. Only "i" o. Only "k" d. "j" and "k" e. "i" and "j"

Your answer is correct.

"i" is no longer in scope. "k" has not been declared yet. See Section 3.1.1 of Eck (2014).

The correct answer is: Only "j"

Question 8

Incorrect Mark 0.00 out of 1.00

```
Consider the following class definition. Which variables can be used in the missing "println"
expression on line 17?
public class PrintStuff
2 {
3
     public static void main()
4
6
7
          int i = -1;
8
          System.out.println(_
9
10
        int j = 1;
11
        for (j = 0; j < 10; j++) {
           System.out.println(
12
13
14
15
           int k;
           for (k = 0; k < 10; k++) {
16
            System.out.println(____
17
18
19
       System.out.println(_
20
21
22 }
Select one:
a. Only "i"
b. Only "k" X
```

Your answer is incorrect.

c. "i" and "j"
d. "j" and "k"
e. Only "j"

"i" is no longer in scope. "j" and "k" are in scope. See Section 3.1.1 of Eck (2014).

The correct answer is: "j" and "k"

Question 9 Correct Mark 1.00 out of 1.00 Consider the following line of Java code. System.out.println("Hello, World!"); "out" is which of the following? Select one: a. a parameter b. a class o. a method (subroutine) d. an object e. a statement Your answer is correct. "out" is a static member object of the class "System". See Section 2.3.2 of Eck (2014). The correct answer is: an object Question 10 Mark 0.00 out of 1.00 Incorrect Consider the following Java method, which term best describes "static"? public static void main(String[] args) { System.out.println("Hello, World!"); Select one: a. method call X b. modifier c. formal parameter d. return type e. actual parameter or argument Your answer is incorrect. See Section 4.2.1 of Eck (2014). The correct answer is: modifier

Question 11

Correct

Mark 1.00 out of 1.00

What is output by the following Java program?

```
class Compute {
    static int compute() { return 42; }
    static int compute(int i) { return i+1; }
    public static void main(String[] args) {
        System.out.println(compute(compute(0)));
    }
}
```

# Select one:

- a. 0
- b. 2 

  ✓
- c. 43
- d. 42
- e. 1

Your answer is correct.

The inner call to "compute" has an argument, so it uses the second method definition, which returns 0+1, or 1. This 1 becomes the argument to the outer call, which then returns 1+1, or 2. The first definition of "compute" is never used. See Section 4.3.3 of Eck (2014).

The correct answer is: 2

Question 12

Correct

Mark 1.00 out of 1.00

Which of the following types is NOT a primitive type?

# Select one:

- a. double
- b. String
- c. char
- d. boolean
- e. short

Your answer is correct.

The correct answer is: String

Question 13	Incorrect	Mark 0.00 out of 1.00	
float $x = y$ ;	_	eclaration and assignes is "y" NOT allowe	
Select one:  a. long			
● b. short ★			
c. int d. double			
e. float			
e. lloat			
Your answer is incorr Java automatically or double to float. See S The correct answer is	onverts valu Section 2.5.6		long to float. It does not automatically convert
Question 14	Correct	Mark 1.00 out of 1.00	
Which of the follow	ing can a c	lass NOT be used fo	or?
Select one:			
<ul><li>a. a container for</li></ul>	or static meth	nods (subroutines)	
<ul><li>b. a container for</li></ul>	or static varia	ibles	
<ul><li>c. a primitive type</li></ul>	oe 🇸		
d. a type for me	thod parame	ters	
e. a type for var	iables		
Your answer is corre Primitive types are n The correct answer i	ot classes. S	See Section 2.3 of Eck	(2014).

https://my.uopeople.edu/mod/quiz/review.php?attempt=2977097&cmid=211049

Downloaded by Catherine Murray (murraylydie@gmail.com)

Question 15	Correct	Mark 1.00 out of 1.00			
Question 10	Correct	Mark 1.00 out of 1.00			
Consider the follow System.out.pri "Hello ,World" is w	ntln("H	ello, World!");			
Select one:  a. a class					
b. a method (su	ıbroutine)				
o. an object					
<ul><li>d. a parameter</li></ul>	<b>√</b>				
e. a statement					
Your answer is corre "Hello, World!" is a The correct answer	parameter <sub>l</sub>	passed to the method "println". See Section 2.2.5 of Eck (2014). eter			
Question 16	Incorrect	Mark 0.00 out of 1.00			
Which of the follow	ving keywo	ords is useful for skipping to the next iteration of a loop?			
Select one:					
a. switch X					
b. break					
c. continue					
d. do					
e. while					
Your answer is incor	rect.				
See Section 3.3.3 of	` '	,			
The correct answer	is: continue	ı			

Question 17	Correct	Mark 1.00 out of 1.00
Which of the follo	wing keywo	ords is useful for loops that should always execute at least once?
Select one:		
<ul><li>a. break</li></ul>		
b. while		
o. switch		
d. continue		
● e. do		
Your answer is cor	rect.	
See Section 3.3.2	of Eck (2014	).
The correct answer	r is: do	
Question 18	Incorrect	Mark 0.00 out of 1.00
In a <u>for</u> loop, how	many time	s does the continuation condition run?
Select one:		
	e times, at th	ne beginning of each iteration. 🗙
<ul><li>b. At least onc</li></ul>	e, at the beg	ginning of each iteration.
c. Exactly once	e.	
d. At least onc	e, at the end	d of each iteration.
e. Zero or mor	re times, at th	ne end of each iteration.
Your answer is inco	orrect.	
See Section 3.4.1	of Eck (2014	).
The correct answer	r is: At least	once, at the beginning of each iteration.

Question 19 Incorrect Mark 0.00 out of 1.00 Which one of the following lines of Java code does NOT include a method call? Select one: a. if (i < 1) { compute(); }</pre> b. int x = compute(y); c. void compute() {} d. compute(); X e. compute(x,y,z); Your answer is incorrect. Answer is a method definition, not a method call. See Sections 4.2.1 and 4.2.2 of Eck (2014). The correct answer is: void compute() {} Question 20 Correct Mark 1.00 out of 1.00 Consider the following line of Java code. System.out.println("Hello, World!"); "println" is which of the following? Select one: a. a class b. a method (subroutine) o. an object od. a parameter e. a statement Your answer is correct. "println" is a method of the object "out". See Section 2.3.2 of Eck (2014). The correct answer is: a method (subroutine)