## Week 5 pre-reading quiz

## Test your knowledge for Week 5!

Questic	<b>on 1</b> Submitted Mar 26th 2022 at 3:46:40 pm
Which o	of the following is false about the stack?
	The value of local variables, provided they are of a primitive data type, can be stored in it local variables are those declared in a method)
<b>O</b> T	The value of instance variables, provided they are of a primitive data type, can be stored in it
	An array's address can be stored in it
	An object's address can be stored in it
	f you think none of the above are false, select this option
Questic	on <b>2</b> Submitted Mar 26th 2022 at 3:46:49 pm
Which o	of the following is false about the heap?
$\bigcirc$ (	Object data can be stored in it
_ A	Array data can be stored in it
0 [	Data values of a primitive data type and addresses cannot be stored in it
	f you think none of the above are false, select this option

**Question 3** Submitted Mar 26th 2022 at 3:50:27 pm

If two reference variables both refer to the same object which of the following is true?

The address of the object will appear once in the stack and its data once in the heap
• The address of the object will appear twice in the stack and its data once in the heap
The address of the object will appear once in the stack and its data twice in the heap
The address of the object will appear twice in the stack and its data twice in the heap
If you think none of the above are true, select this option
Question 4 Submitted Mar 26th 2022 at 3:50:48 pm  Consider the following declaration:
Which of the following is true about the variable d?
It can only reference arrays of double with length 10
It can only reference arrays of double or float with length 10
It can only reference arrays of any numeric type with length 10
It can only reference arrays of double of any length
If you think none of the above are true, select this option
Question 5 Submitted Mar 26th 2022 at 3:51:14 pm  After the following declaration:
How many People objects are there?
O 11

	10
	1
0	
	f you think none of the above are correct, select this option
	on 6 Submitted Mar 26th 2022 at 3:47:08 pm ne following declaration:
How n	nany objects are there?
	11
	10
0	1
	f you think none of the above are correct, select this option
Questi	on <b>7</b> Submitted Mar 26th 2022 at 3:47:26 pm
Which	of the following is false about Java arrays and ArrayLists?
	ArrayList elements cannot be primitive types
	t's possible to have a generic ArrayList of Java arrays (try to code it)
•	t's possible to have a Java array of generic ArrayLists (try to code it)

All the elements of any Java array could be assigned to a suitably declared ArrayList				
If you think more than one of the above are false, select this option				
Question 8 Submitted Mar 26th 2022 at 3:52:05 pm				
Which of the following is NOT true about an array's length?				
For ArrayLists it can be obtained as the return value of an ArrayList method				
For Java arrays it can be obtained as the return value of a Java array method				
For Java arrays and ArrayLists the highest index of an array = the number of elements in the array – 1				
The length of an ArrayList can be changed after its declaration				
The length of a Java array cannot be changed after its declaration				
If you think all of the above are true, select this option				
Question 9 Submitted Mar 26th 2022 at 3:51:45 pm Given the following declarations:				
and the fact that both these arrays have been assigned non-empty elements at their 0th index which of the following has valid syntax?				
aList.add[a[0]];				
aList.add(a[0]);				
aList.add[a(0)];				

aList.add(a(0));	
a[0] = aList.get[0];	
If you think more than one of the above has valid syntax, select this opt	ion
<b>Question 10</b> Submitted Mar 26th 2022 at 3:47:55 pm	
The format string in a method call contains 10 percent ( ) two occurrences of adjacent percent symbols ( ).	) symbols. This includes
How many parameters, in total, are there in the call?	
O 11	
<u> </u>	
O 9	
○ 8	
<b>○</b> 7	
O 6	
If you think none of the above are the correct number of parameters, se	elect this option