Started on	Wednesday, 19 March 2025, 11:55 AM		
State	Finished		
Completed on	Wednesday, 19 March 2025, 12:05 PM		
Time taken	10 mins 11 secs		
Marks	15.00/20.00		
Grade	75.00 out of 100.00		
Question 1			
Complete			
Mark 1.00 out of 1.00			
IVIAIR 1.00 OUT OF 1.00			
How do vou access t	he third element in an array in Java?		
,	,		
a. myArray[2]			
b. myArray(2)			
c. myArray(3)			
d. myArray[3]			
Question 2			
Complete			
·			
Mark 1.00 out of 1.00			
How do you break o	ut of a loop in lava?		
riow do you break o	at of a loop in sava.		
○ a. exit			
b. stop			
c. break			
d. end			
o. end			
Question 3			
Complete			
Mark 1.00 out of 1.00			
Wark 1.00 out of 1.00			
How do you find the length of an array in Java?			
a. myArray.size	$\mathbf{r}(0)$		
b. length(myA			
c. myArray.len			
d. myArray.len			
o u. myarray.ien	Anil)		

d. Faster deletion



Complete

Mark 1.00 out of 1.00

What is the output of the following code?

```
for (int i = 0; i < 5; i++) {
    if (i == 2) {
        continue;
    }
    System.out.print(i + " ");
}</pre>
```

- a. 0134
- b. 01234
- o. 013
- od. 0124

Question 9

Complete

Mark 1.00 out of 1.00

What is the primary difference between a LinkedList and an ArrayList in Java?

- a. ArrayList stores objects, while LinkedList only stores primitive data types
- o b. LinkedList uses nodes and pointers, while ArrayList uses an array
- oc. LinkedList uses a dynamic array, while ArrayList uses a doubly linked list
- od. LinkedList uses a singly linked list, while ArrayList uses a static array

Question 10

Complete

Mark 1.00 out of 1.00

What is the purpose of the `continue` statement in Java?

- a. Ends the loop
- o b. None of the above
- o. Restarts the loop from the beginning
- od. Skips the rest of the code in the loop and starts the next iteration

Question 11

Complete

Mark 1.00 out of 1.00

What is the purpose of the 'new' keyword in Java?

- a. To create a new instance of a class
- Ob. To initialize an array
- c. All of the above
- Od. To allocate memory for an object

Question 12		
Complete		
Mark 1.00 out of 1.00		

What is the result of 5 / 2 in Java?

- a. Error
- o b. 2.0
- oc. 2.5
- d. 2

Question 13

Complete

Mark 1.00 out of 1.00

What is the result of the following code?

 $int[] myArray = {1, 2, 3};$

myArray[1] = 4;

System.out.println(myArray[1]);

- a. 1
- b. 3
- O c. 2
- d. 4

Question 14

Complete

Mark 1.00 out of 1.00

What is the result of the following code?

String str = "Hello";

str.concat(", World!");

System.out.println(str);

- a. , World!
- ob. Hello, World!
- c. Hello
- Od. Runtime Error

Question 15

Complete

Mark 0.00 out of 1.00

What is the result of the following code?

int x = 5;

System.out.println(x++++x);

- a. 11
- o b. 10
- oc. 13
- O d. 12

Question 16

Complete

Mark 0.00 out of 1.00

What is the result of the following code?

 $int[] arr1 = {1, 2, 3};$

int[] arr2 = arr1;

arr2[0] = 4;

System.out.println(arr1[0]);

- a. 1
- O b. 4
- oc. 2
- Od. 3

Question 17

Complete

Mark 0.00 out of 1.00

Which is the correct way to declare a constant in Java?

- \bigcirc a. constant final int x = 10;
- \bigcirc b. constant int x = 10;
- \odot c. static final int x = 10;
- \bigcirc d. final int x = 10;

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d. Pre-order