Started on	Wednesday, 19 March 2025, 2:33 PM
State	Finished
	Wednesday, 19 March 2025, 2:40 PM
Time taken	7 mins 34 secs
Marks	18.00/20.00
Grade	<b>90.00</b> out of 100.00
Question 1	
Complete	
Mark 1.00 out of 1.00	
What is the default v	value of an instance variable in Java?
a. Depends on	the data type
O b. null	
O c. 0	
d. false	
Question 2	
Complete	
Mark 1.00 out of 1.00	
Flag question	
How do you access t  a. myArray(3)  b. myArray(2)  c. myArray[3]  d. myArray[2]	he third element in an array in Java?
Question 3	
Complete	
Mark 1.00 out of 1.00	
Flag question	
What is the main adv	vantage of using a Doubly Linked List over a Singly Linked List?
a. Doubly Link	ed List requires less memory
	both directions is possible
c. Faster deleti	
d. It is easier to	
Question 4	
Complete	
Mark 1.00 out of 1.00	

- a. In-order
- ob. Pre-order
- oc. Post-order
- d. Level-order

### Question 5

Complete

Mark 1.00 out of 1.00

Flag question

How do you break out of a loop in Java?

- a. break
- Ob. exit
- C. stop
- d. end

### Question 6

Complete

Mark 1.00 out of 1.00

Flag question

In Java, which of the following is the most efficient data structure for retrieving data in constant time (on average)?

- a. LinkedList
- b. PriorityQueue
- oc. HashMap
- od. TreeMap

## Question 7

Complete

Mark 1.00 out of 1.00

Flag question

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. 0124
- b. 0134
- o. 01234
- Od. 013

19/25, 2:44 PM	Java_Quiz_19-03-25
Question 8	
Complete	
Mark 1.00 out of 1.00	
F Flag question	
Which is the correct way to declare a constant in Java?	
<ul><li>a. static final int x = 10;</li></ul>	
<ul><li>b. constant final int x = 10;</li></ul>	
© c. final int x = 10;	
<ul><li>d. constant int x = 10;</li></ul>	
$\circ$ d. Constant lift $x = 10$ ,	
Question 9	
Complete	
Mark 1.00 out of 1.00	
F Flag question	
What is the result of the following code?	
int[] myArray = {1, 2, 3};	
myArray[1] = 4;	
System.out.println(myArray[1]);	
○ a. 3	
b. 4	
O c. 1	
O d. 2	
Question 10	
Complete	
Mark 1.00 out of 1.00	
₹ Flag question	
How do you find the length of an array in Java?	
a myArray langth	
a. myArray.length  b. myArray.sing()	
b. myArray.size()	
c. length(myArray)	
d. myArray.length()	
Question 11	
Complete	
Mark 1.00 out of 1.00	
₹ Flag question	
Miles in the provide of the C. U. Connect C.	
What is the result of the following code?	
String str = "Hello";	

10.11.1.19/tessellator 50/local/student/qreview.php? attempt = 20665

str.concat(", World!");
System.out.println(str);

	, World!
	Runtime Error
	Hello, World!
d.	Hello
Question '	12
Complete	12
Mark 1.00	out of 1.00
Flag que	
1 Indy que	
What is	s the purpose of the `continue` statement in Java?
	None of the above
<ul><li>b.</li></ul>	Skips the rest of the code in the loop and starts the next iteration
○ c.	Restarts the loop from the beginning
O d.	Ends the loop
Question '	13
Complete	
Mark 1.00	out of 1.00
Flag que	
1 2292	
In a dir	ected graph, what is a cycle called where all vertices are distinct?
<ul><li>a.</li></ul>	Hamiltonian cycle
	Bipartite cycle
	Simple cycle
	Eulerian cycle
<u> </u>	
Question '	14
Complete	
Mark 1.00 (	
Flag que	estion estimate the second of
Which	of the following operations is not possible on a stack?
<ul><li>a.</li></ul>	Enqueue
O b.	
	Push
	Peek
Question '	15
Complete	
	but of 1.00
Flag que	<u>estion</u>

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

9/25, 2:44 PM	Java_Quiz_19-03-25
a. To initialize an array	
b. To create a new instance of a class	
c. All of the above	
d. To allocate memory for an object	
Question 16	
Complete	
Mark 1.00 out of 1.00	
₹ Flag question	
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. 3)	
od. 5 ○ b. 1	
© c. 4	
O d. 2	
<u> </u>	
Question 17 Complete	
Mark 1.00 out of 1.00	
Flag question	
1 Hog specific	
What is the result of 5 / 2 in Java?	
○ a. 2.5	
○ b. 2.0	
C. Error	
⊚ d. 2	
Question 18	
Complete	
Mark 0.00 out of 1.00	
₹ Flag question	

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

# Question 19

Complete

Mark 1.00 out of 1.00

45	_				
1	н	laa	αι	uest	ıor

Which of the	following	data structures	ic used to	imploment	rocurcion i	n lava2
which of the	tollowina	data structures	is used to	imbiement	recursion i	n Java 🤈

- a. Stack
- ob. Queue
- C. Array
- d. Linked List

# Question 20

Complete

Mark 0.00 out of 1.00

▼ Flag question

What is the result of the following code?

int x = 5;

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

- a. 13
- O b. 11
- oc. 12
- od. 10

Finish review