

Quiz 04 - Arrays & ArrayLists

LATEST SUBMISSION GRADE

100%

1. Which of the following is correct to create an array in Java?

1 / 1 point

- ☐ String[] strings = new String[];
- ☒ int[] primes = {2, 3, 5, 7, 11, 13, 19};
- ☐ int[] a = {2.1, 3, 10};
- ☐ boolean[] b = boolean[2];



Correct

This is correct

2. Which of the following is correct to create an ArrayList in Java?

1 / 1 point

- ☐ ArrayList<int> myList = new ArrayList<int>();
- ☐ ArrayList<Integer> myList = new int[10];
- ☒ ArrayList<Double> myList = new ArrayList<Double>();



Correct

This is correct.

3. How do you get the size of an array and an ArrayList respectively?

1 / 1 point

- ☒ array.length, arrayList.size()
- ☐ array.size(), arrayList.length
- ☐ arrayList.length, arrayList.length
- ☐ array.size(), array.size()



Correct

.length is used to get the size of an array while .size() is used to get the size of an ArrayList.

4. What is the length of the array `arr`?

1 / 1 point

```
1 int[] arr = {0, 1, 2, 3, 4, 5, 6};
```

- ☐ 0
- ☒ 7
- ☐ 6
- ☐ Error Message

5. What is the result of the following code?

1 / 1 point

```
4   {  
5       System.out.print(" " + arr[i]);  
6   }  
7 }  
8
```

- ☒ Error Message
- ☐ 10 20 30 40 50
- ☐ 10 20 30 40
- ☐ 1 2 3 4 5

✓ **Correct**

It should result in an error message when i is 5. The length of arr is 5, which means arr[5] will result in an error.

6. Which way is correct to add the element a to the last position of the ArrayList myList?

1 / 1 point

- ☐ myList.append(a);
- ☐ myList.addLast(a);
- ☒ myList.add(a);

✓ **Correct**

This is correct.