

1.

#### Question 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.

#### Question 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.

#### Question 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.

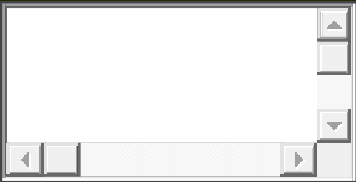
4.

Question 4

What is the length of the array arr?

1

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



1 / 1 point



0



7



6



Error Message

**Correct**

The length of the array arr is 7 as there are 7 items in the array arr.

5.

Question 5

What is the result of the following code?

1

2

3

4

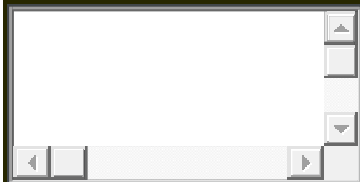
5

6

7

8

```
public static void main(String[] args) {  
    int[] arr = {10, 20, 30, 40, 50};  
    for(int i = 0; i <= 5; i++)  
    {  
        System.out.print(" " + arr[i]);  
    }  
}
```



1 / 1 point



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.


Question 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.