

Quiz8 - Results



Attempt 1 of 1

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Attempt Score 7 / 10 - 70 %

Overall Grade (Highest Attempt) 7 / 10 - 70 %

Question 1

1 / 1 point

How can you initialize an array of two characters to 'a' and 'b'?

- ☐ `char[] charArray = new {'a', 'b'};`
- ☒ `char[] charArray = {'a', 'b'};`
- ☐ `char[] charArray = new char[2];`
`charArray = {'a', 'b'};`
- ☐ `char[2] charArray = {'a', 'b'};`

Question 2

2 / 2 points

What is the output of the following code?

```
double[] myList = {1, 5, 5, 5, 5, 1};
double max = myList[0];
int indexOfMax = 0;
for (int i = 1; i < myList.length; i++) {
    if (myList[i] > max) {
        max = myList[i];
        indexOfMax = i;
    }
}
System.out.println(indexOfMax);
```

- ☐ 5
- ✓ ☒ 1
- ☐ 4
- ☐ 0
- ☐ 3

Question 3**0 / 1 point**

If you declare an array `double list [] = {3.4, 2.0, 3.5, 5.5};`

`list[1]` is _____.

- ➡ ☒ 2.0
- ✗ ☐ There is syntax error in declaration of array
- ☐ 3.4
- ☐ There is runtime error.

Question 4**1 / 1 point**

Assume `int[] t = {1, 2, 3, 4}`. What is `t.length`?

- ✓ ☒ 4
- ☐ 5
- ☐ 3
- ☐ 0

Question 5**2 / 2 points**

What is the state of `myList` after running the following code?

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

```
for (int i = myList.length - 2; i >= 0; i--) {  
    myList[i + 1] = myList[i];  
}
```



```
for (int e: myList) {  
    System.out.print(e + " ");  
}
```

- ☒ {1, 1, 2, 3, 4, 5}
- ☐ {6, 6, 6, 6, 6, 6}
- ☐ {6, 2, 3, 4, 5, 1}
- ☐ {6, 1, 2, 3, 4, 5}

Question 6**0 / 2 points**

Which statement is correct about the following code?

```
public class Test {  
    public static void main(String[] args) {  
        int[] x = new int[5];  
        int i;  
        for (i = 0; i < x.length; i++){  
            x[i] = i;  
        }  
        System.out.println(x[i]);  
    }  
}
```

-  ☒ The program has a runtime error because the last statement in the main method causes `ArrayIndexOutOfBoundsException`.
-  ☐ The program has a compile error because `i` is not defined in the last statement in the main method.
- ☐ The program displays 4.
- ☐ The program displays 0 1 2 3 4.

Question 7**1 / 1 point**

Analyze the following code:

```
public class Test {  
    public static void main(String[] args) {  
        int[] x = new int[3];  
        System.out.println("x[0] is " + x[0]);  
    }  
}
```

- ☒ The program runs fine and displays `x[0]` is 0.
- ☐ The program has a runtime error because the array elements are not initialized.

- ☐ The program has a runtime error because the array element `x[0]` is not defined.
- ☐ The program has a compile error because the size of the array wasn't specified when declaring the array.

Done