



Started on

Monday, 17 February 2025, 7:28 PM

State

Finished

Completed on

Monday, 17 February 2025, 7:29 PM

Time taken

57 secs

Marks

11.00/11.00

Grade

100.00 out of 100.00

Feedback

Congratulations!! You have passed by securing more than 80%

## Question 1

1.00/1.00

List the correct ways of declaring an Array.

Select one or more:

☒ a. `int [ ]studentId;` ✓

☒ b. `String [ ] name [ ];` ✓

☒ c. `int studentId[ ];` ✓

☐ d. `int studentId[10];`

☐ e. `String name[]=new String(10);`

Your answer is correct.

The correct answers are:

`int [ ]studentId;`

`int studentId[ ];`, `String [ ] name [ ];`

## Question 2

1.00/1.00

What is the output of this program?

```
class Output {  
    public static void main(String args[]) {  
        int a1[] = new int[10];  
        int a2[] = {1, 2, 3, 4, 5};  
        System.out.println(a1.length + " " + a2.length);  
    }  
}
```

Select one:

☐ a. 0 5

☐ b. 5 10

☐ c. 0 10

☒ d. 10 5 ✓

Your answer is correct.



The correct answer is: 10 5



92%



### Question 3

1.00/1.00

StringBuffer is used to create \_\_\_\_\_.

Select one:

- ☐ a. an immutable String
- ☒ b. a mutable String ✓

Your answer is correct.

The correct answer is: a mutable String

### Question 4

1.00/1.00

Given a one-dimensional array arr, what is the correct way of getting the number of elements in arr?

Select one:

- ☐ a. arr.length-1
- ☐ b. arr.length()-1
- ☒ c. arr.length ✓
- ☐ d. arr.length()

Your answer is correct.

The correct answer is: arr.length

### Question 5

1.00/1.00

```
class ArrayTest {  
    public static void main(String args[]) {  
        int[] primes = new int[10];  
        primes[0] = "a";  
        System.out.println(primes[0]);  
    }  
}
```

What will be the result of compiling and executing the above code?

Select one:

- ☐ a. a



92%



- ☒ b. compile time error ✓
- ☐ c. Runtime exception
- ☐ d. ArrayStoreException

Your answer is correct.

The correct answer is: compile time error

### Question 6

1.00/1.00

State True or False.

Advanced for loop is better as it is less error prone as we don't need to deal with index.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

### Question 7

1.00/1.00

```
String name="teknoturf";  
String cname="teknoturf";  
String compname=new String("teknoturf");  
1.if(name==cname)  
2.if(name.equals(cname))  
3.if(name==compname)  
4.if(name.equals(compname))
```

Identify the output.

Select one:

- ☒ a. Line 1,2,4 will return true. ✓
- ☐ b. Line 3,4 will return true.
- ☐ c. Line 1,3 will return true.
- ☐ d. Line 1,3,4 will return true.

Your answer is correct.

The correct answer is: Line 1,2,4 will return true.



### Question 8

1.00/1.00

String Objects are mutable. State true or false.

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.

### Question 9

1.00/1.00

```
class TestArray {  
    public static void main(String args[]) {  
        int arr_sample[] = new int[2];  
        System.out.println(arr_sample[0]);  
    }  
}
```

What will be the result of compiling and executing the above code?

Select one:

- ☐ a. The program compiles and prints 1 when executed.
- ☐ b. The program compiles and runs but the results are not predictable because of un-initialized memory being read.
- ☐ c. The program generates a runtime exception because arr\_sample[0] is being read before being initialized.
- ☒ d. The program compiles and prints 0 when executed. ✓
- ☐ e. The program does not compile because arr\_sample[0] is being read before being initialized.

Your answer is correct.

The correct answer is: The program compiles and prints 0 when executed.

### Question 10

1.00/1.00

In which of the following packages can you find String class?

Select one:

- ☒ a. lang ✓
- ☐ b. none of the options
- ☐ c. io



☐ d. util



Your answer is correct.



The correct answer is:  
lang



Question 11

1.00/1.00

StringBuilder is less efficient and slower than StringBuffer. State true or false.

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.