

## Q1 Instructions

1 Point

To receive full credit on this quiz, you must score at least 50%.

The Github repo for Lecture 4 is at <https://github.com/ucsd-cse12-w21/ucsd-cse12-w21.github.io/tree/master/lectures/lecture-04>

Finish this quiz before 8AM on Wednesday, January 13.

## Q2 ArrayStringList

1 Point

Refer to the implementation of ArrayStringList used in class (<https://github.com/ucsd-cse12-w21/ucsd-cse12-w21.github.io/tree/master/lectures/lecture-04>) and the following code:

```
ArrayStringList fruit = new ArrayStringList();  
fruit.add("banana");  
System.out.println(fruit.get(1));
```

What is printed out after this code runs?

- ☐ ArrayIndexOutOfBoundsException
- ☐ banana
- ☐ apple
- ☒ null
- ☐ None of the above

## Q3 ArrayStringList

1 Point

Refer to the implementation of ArrayStringList used in class (<https://github.com/ucsd-cse12-w21/ucsd-cse12-w21.github.io/tree/master/lectures/lecture-04>) and the following code:

```
ArrayStringList months = new ArrayStringList();  
months.add("January");  
months.add("February");  
months.add("March");  
months.add("April");
```

```
months.add("May");  
months.add("June");  
months.add("July");  
months.add("August");  
months.add("September");  
months.add("October");  
months.add("November");  
months.add("December");
```

What is the value of `months.elements.length` after this code runs?

- ☐ 12
- ☐ 13
- ☒ 16
- ☐ 24
- ☐ 32