

Name: _____

Swift: Arrays

Part 1: Evaluating Arrays

First, read through the following code.

Then, mark the lines that produce compiler errors with asterisks.

Finally, write the output of the code if you were to change

`let theArray`

to

`var theArray`

in line 1.

```
let theArray = [9, 3, 0]
print(theArray[1])
theArray[0] = 7
theArray[1] = -6
print(theArray)
theArray.append(23)
theArray[3] = 12
theArray.append(92)
theArray[theArray.count - 2] = 73
print(theArray)
```

The output is (after changing let to var):

Part 2: Iterating Over Arrays, Backwards!

Below is some Swift code, with some blanks to fill in. Your goal is to print:

1
2
3
4

Fill in the blanks so that the above output is printed.

```
let theArray = [4, 3, 2, 1]

var i = theArray.count - 1

while _____ {

    let value = theArray[_____]
    print(value)

    _____

}
```

Now repeat the same exercise. Note that the starting value for `i` is different.

```
let theArray = [4, 3, 2, 1]

var i = 0

while _____ {

    let value = theArray[_____]
    print(value)

    _____

}
```