

COMP 110/L
Fall 2022

Lecture 17 Handout

1.) Define the `printLenAndChar` static method below that will take the following:

- A `String`
- A valid index into the `String`

`printLenAndChar` should then print the length of the `String` (using `String`'s `length` method), as well as the character at the provided valid index. It should return `void`. An example call is below:

```
printLenAndChar("apple", 4);  
// Expected output:  
// 5  
// e
```

2.) Define the `printChars` static method, which takes a `String` and prints each character in the string, one per line. It should return `void`. An example call is below:

```
printChars("pear");  
// Expected output:  
// p  
// e  
// a  
// r
```

3.) Create a two-dimensional array of `Strings` with 3 rows and 5 columns. Save a reference to this array in a newly-declared variable.

4.) Create a two-dimensional array of `ints` with 6 rows, and an unknown number of columns. Save a reference to this array in a newly-declared variable.

5.) Using `String`'s `split` method, define a static `printSplit` method that takes a `String` containing commas, and prints out everything in between the commas, one item per line. An example call is below:

```
printSplit("foo,bar,baz");  
// Expected output:  
// foo  
// bar  
// baz
```