

CSE 121

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Winter 2023

Join at
slido.com
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Announcements, Reminders

- [Creative Project 1](#) releasing soon; Due January 24th by 11:59 PM
- Quiz 0: Tuesday, January 24th during section. Bring laptops!
- Resubmission form for R0 releasing tomorrow, also due January 24th by 11:59 PM

Last Time

- Variables

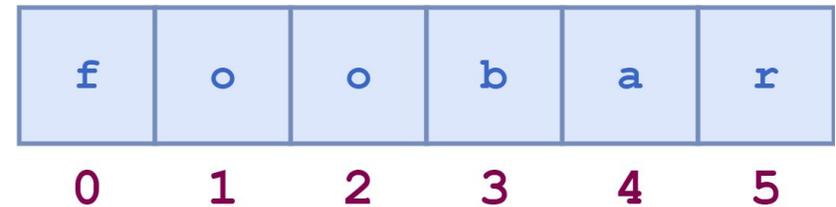
- Container that stores a specific data type
- Must declare & initialize!
- Manipulate, modify, reuse 

- Strings

- Sequence of characters treated as one, yet can be indexed as individual parts
- char, represents a single character

```
// declare AND initialize  
int version = 5;
```

```
String myString = "foobar";
```



Last Time

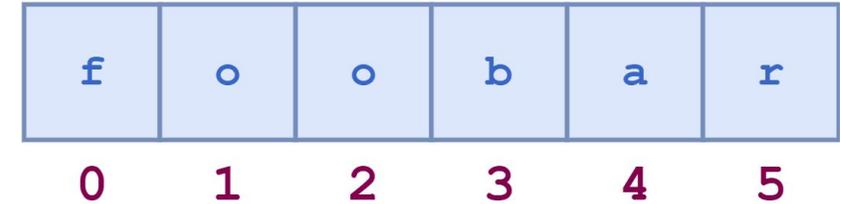
- String Methods

- Examples:

- `length()`: returns number of characters in String
 - `charAt(int)`: returns char at a specific index (int) of String
 - `indexOf(char/String)`: returns int index position of char/String

- Methods do not modify the String variable they're called upon. Rather, you simply receive information!

```
String myString = "foobar";
```



Plan for Today

- For loops
 - Parts of a for loop statement
 - Incrementing/Decrementing update in a for loop
 - Usage of for loops: definite vs. unknown

```
for ( initialization ; test ; update ) {  
    body (statements to be repeated)  
}
```