

Lab 3: Strings and Formatting

- **Strings**

- Use `len()` to get the length of a string
- use square brackets `[]` to access a character in a string
- use concatenation `+` to put strings together
- use replication `*` to repeat a string

- **String Formatting**

- `"format" % (variables)`
- Examples:

- **randomChar.py**

- ask the user for a string, choose a character in the string at random, repeat the character 25 times

- **cylinder3.py**

- use string formatting

- **emailAddress.py**

- ask the user for their first, middle, and last name
- from the names, create an e-mail address

- Don't forget to show me!

```
#str1 becomes "The number is 1.67."
str1 = "The number is %5.2f." % (1.674)

#str2 becomes "Bob is 27."
name = "Bob"
age = 27
str2 = "%s is %d." % (name, age)
```