

# CS110 Introduction to Computing

# Programming Concepts

- Number types
  - Integer
  - Floating-point
  - Long
- Variables
  - Name format style
- Functions
  - `def name(variable):`
  - Indented lines
- Expressions
  - `(1 + 2) * 2376`
- Interactive
  - `>>>`
- Comments (`#`)

# Functions

```
from myro import *  
  
def salesTax(amount):  
    return amount * 1.06  
  
def juliet(message):  
    setVoice('MSMary')  
    speak(message)
```

# Programming Concepts

- Type
  - String
    - “this is a string”
    - 'this is also a string'
- Library, or Module

# Robot Commands

setName(String)

getName()

init(String)

turnLeft(1, .7)

beep(.5, 400)

gamepad()