# DIT gentle introduction to Python 2. Python 4 Poets

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# Conditionals and Loops If condition is true Condition is false If condition is false Diagrams borrowed from https://www.tutorialspoint.com

# Programming



Diagram borrowed from L. Moroney's Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning

# Functions (methods)

## A simple function

```
def name_of_the_function(input1, input2):
    # function code
    none
```

### **Calling the function**

```
name_of_the_function("hi", "ho")
```

### Another valid call

name\_of\_the\_function(hi, ho)

### An invalid call

name\_of\_the\_function(hi)

# A simple method to salute people

- ► greeting\_inputs is a **set**
- ► greeting\_responses is a **list**

Derived from https:

//stackabuse.com/python-for-nlp-creating-a-rule-based-chatbot/

# From Unix to Python

► Kenneth W. Church's **Unix for poets**<sup>1</sup>

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# **Python for Poets**

shorturl.at/stU36

# A simple method to salute people

```
generate_greeting_response("hi")
generate_greeting_response("ciao")
```

https://web.stanford.edu/class/cs124/kwc-unix-for-poets.pdf