



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
CAMPUS DI FORLÌ

DIT PhD

Introduction to Computational Thinking and Programming

Lesson 3. Python 4 Poets

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Programming



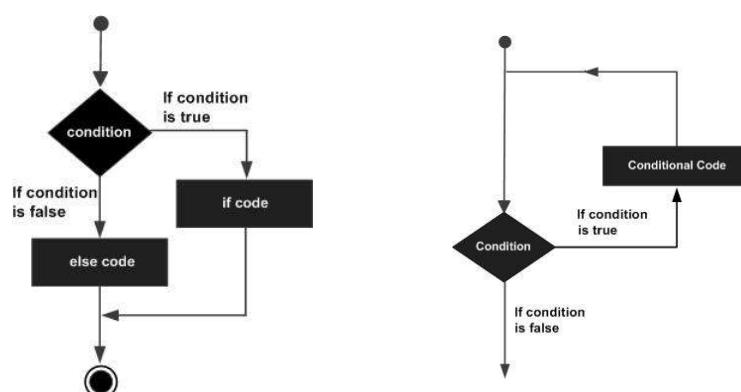
Diagram borrowed from L. Moroney's Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning

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Conditionals and Loops



Diagrams borrowed from <https://www.tutorialspoint.com>

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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)
```

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From Unix to Python

- Kenneth W. Church's [Unix for poets](#)¹



Python for Poets

¹<https://web.stanford.edu/class/cs124/kwc-unix-for-poets.pdf>