Slide 1

ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
CAMPUS DI FORLÌ

DIT PhD
Introduction to Computational Thinking and Programming

Lesson 3. Python 4 Poets

Alberto Barrón-Cedeño
a.barron@unibo.it

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Slide 2
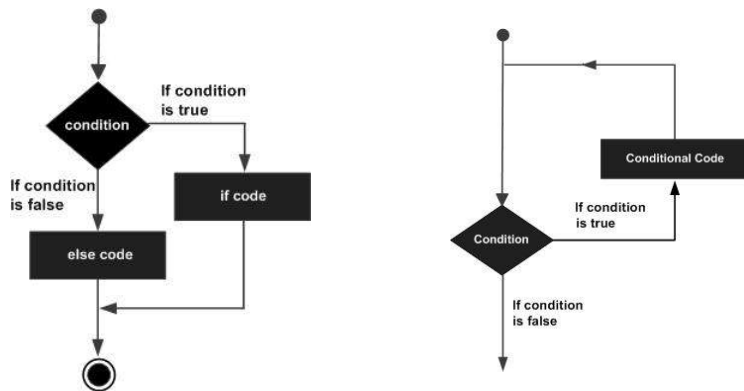
Programming

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

Slide 3

Conditionals and Loops

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

Slide 4

Functions (methods)

A simple function

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

Calling the function

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

Another valid call

```python
name_of_the_function(hi, ho)
```

An invalid call

```python
name_of_the_function(hi)
```

From Unix to Python

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

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Python for Poets

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