## Introduction to Python

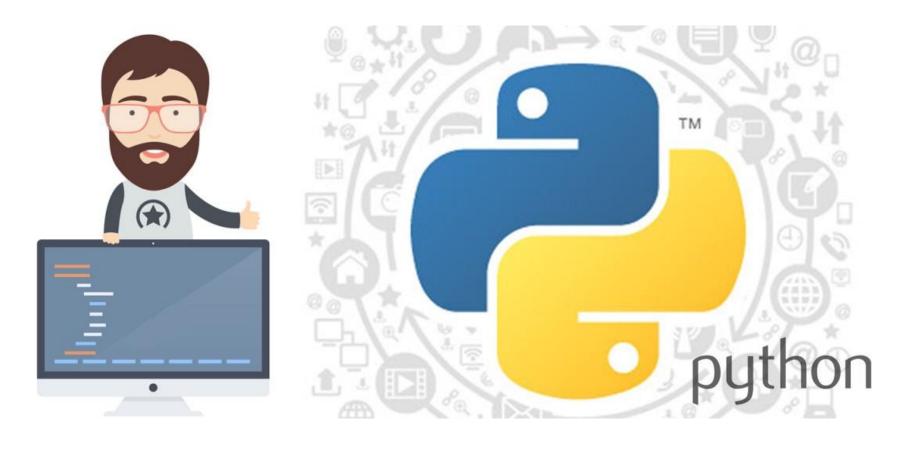
DeltaWomen - UNOV 2019-06-14

#### Class details

- Class time: Fridays 5pm 7pm (GMT+1)
  - o Lecture: 5pm 6:15pm
  - Q&A: 6:15pm 7:00pm
- Instructor details:
  - Name: Aslamah
  - Contact: <u>arahman.vol@gmail.com</u>
- All course material will be available on GitHub
  - https://github.com/aslamahrahman/Python-UNOV-2019
- Weekly assignments:
  - Due every Wednesday 11pm (GMT+1)
  - Email to <u>arahman.vol@gmail.com</u>

#### Questions?

- Email to <u>arahman.vol@gmail.com</u> by the end of lecture:
  - Name
  - Age
  - What do you do?
  - Have you taken computer programming classes before?
  - Have you taken Python classes before?
  - What do you want to build with Python?
  - Any thoughts/feedback?
- Any questions for me?
- Please mute mic during lecture
- Questions during lecture: Post on Telegram (Last 45 minutes for answering questions)



Python Programming Language

#### What is Python?

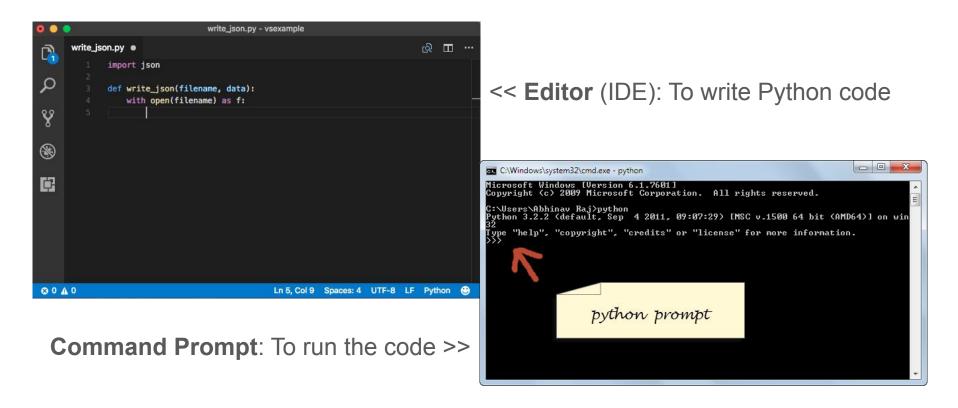
- Programming language: Instructions for a computer to do a task
- Widely used
  - Google search engine (<u>www.google.com</u>)
  - YouTube (<u>www.youtube.com</u>)
  - Instagram
  - And many more...
- Very easy to read & understand
- General purpose = So many different applications!

#### What can you do with Python?



And much much more...

#### What do you need to program in Python?



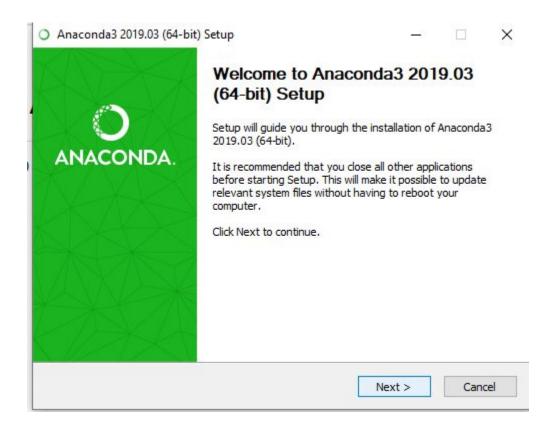
## Installation & Set Up

#### Windows - Anaconda (Python) software

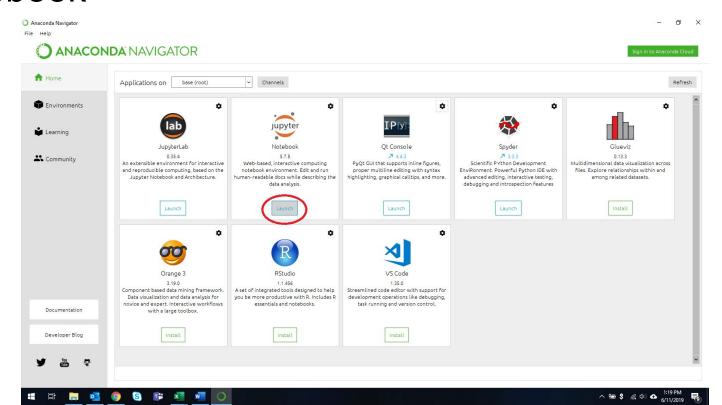
- Go to <a href="https://www.anaconda.com/distribution/#download-section">https://www.anaconda.com/distribution/#download-section</a>
- Or Google "Anaconda Python Windows installation"
- Download "Python 3.7" for Windows



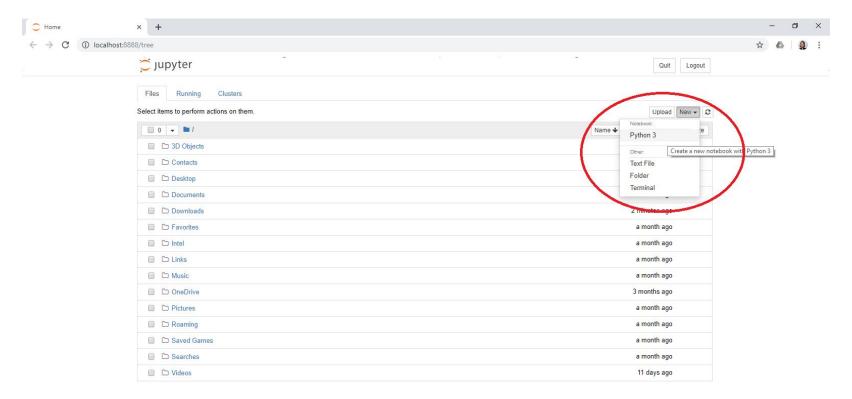
#### Run Anaconda installation



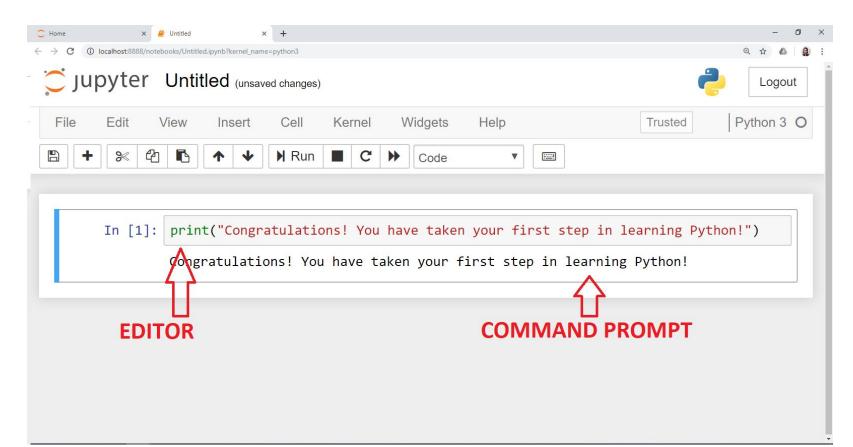
## Open "Anaconda Navigator" & Launch "Jupyter Notebook"



#### Create new Jupyter Notebook



#### Code!



### Sample Program

- Writing a program
- Tabs & spaces
- How execution works

# Have questions on any programming related stuff?

www.google.com www.stackoverflow.com

Questions/Feedback?

#### Assignment due next Wednesday 19 June 2019

- Go to <a href="https://github.com/aslamahrahman/Python-UNOV-2019">https://github.com/aslamahrahman/Python-UNOV-2019</a>
- 2 questions + 1 optional question
- Email all answers to <u>arahman.vol@gmail.com</u>
- Title of email should be "Python assignment: (Week number), (Name)"
- Make sure to mention your name in the email
- Submit by 19 June 2019, 11pm (GMT+1)
- Let me know as soon as possible if you have trouble seeing the assignment