Hello!

Welcome to “**Python in 5 hours**”

TEAM

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AI/Robotics Researcher

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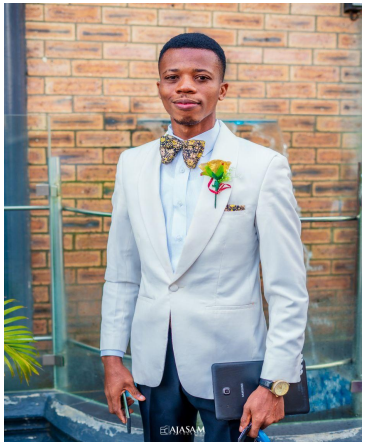
Data Scientist/ML

Engineer



Olamilekan SALAU

Robotics Engineer/CTO at Reflect Robotics

Jessica OJO

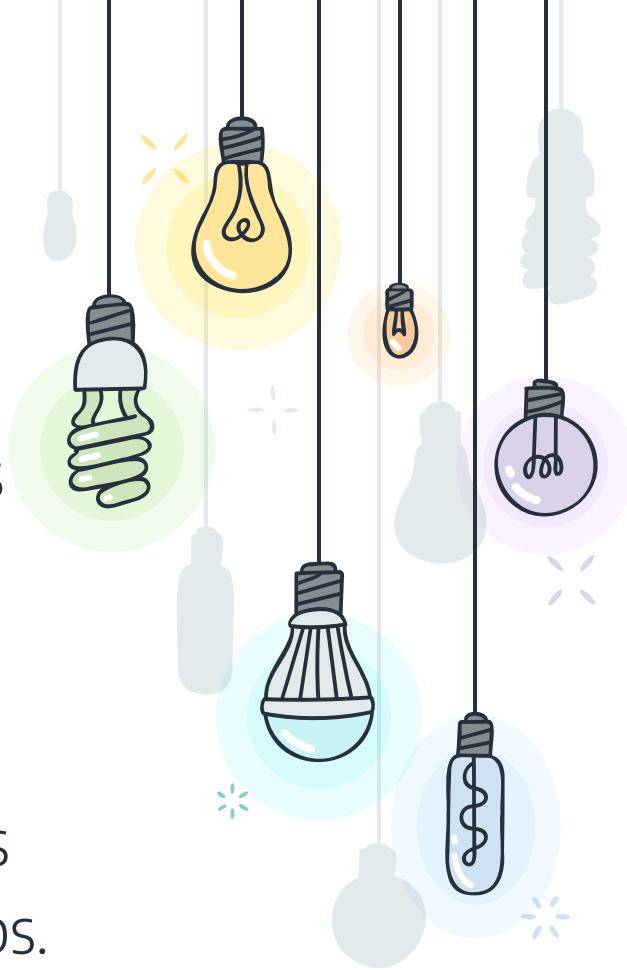
Data Scientist, Okra

DAY 1:

INTRODUCTION TO PYTHON PROGRAMMING.

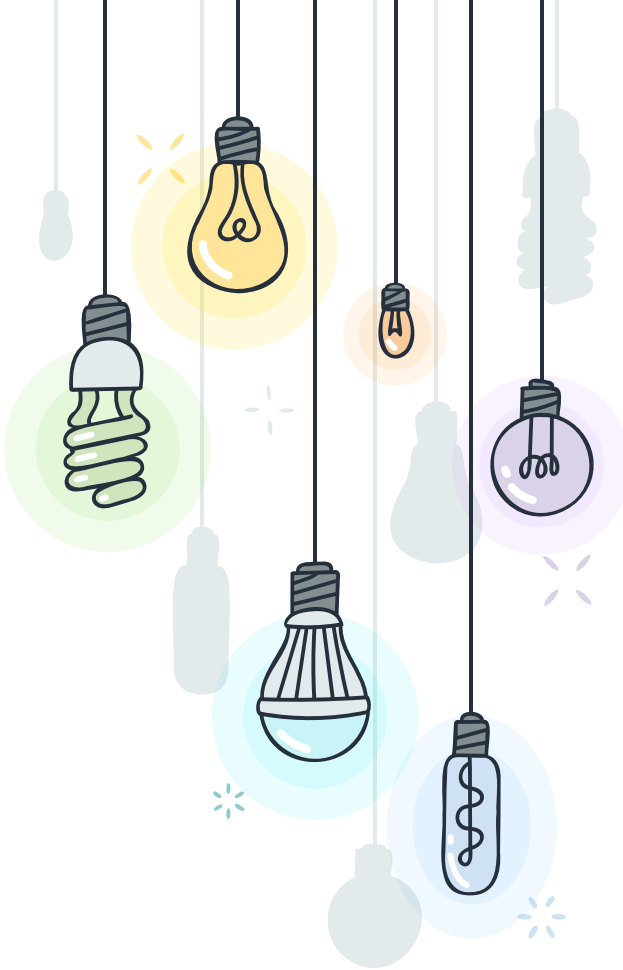
HOUSEKEEPING

- Join the Telegram group
- The 5 days is basic intro to Python, this class is not for those looking for advanced.
- There will be assignments and games on Kahoot starting tomorrow.
- We will be on Telegram to answer questions but kindly bear in mind we have full time Jobs.



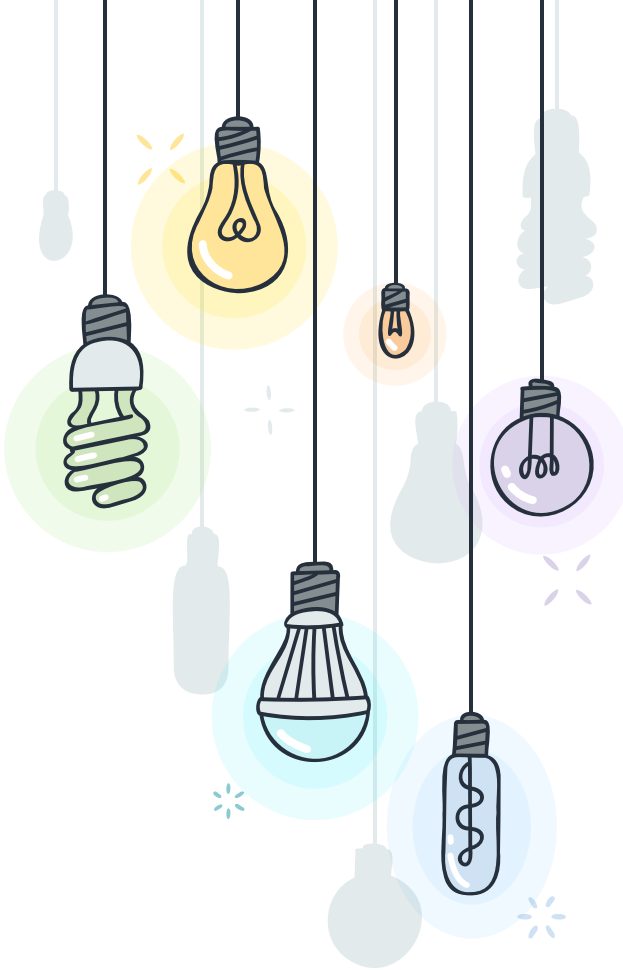
HOUSEKEEPING

- If you have any question during the Zoom session, please use the RAISE HAND zoom feature or put it in the chat.
- It is strictly 1 hour. Any question not answered during the zoom session can be asked on the Telegram group.



CURRICULUM FOR 5 DAYS

1. Intro to Python, Data Types, Variables
2. Type Casting, String Formatting
3. Control Flow 1
4. Control Flow 2
5. Intro to Data Structures



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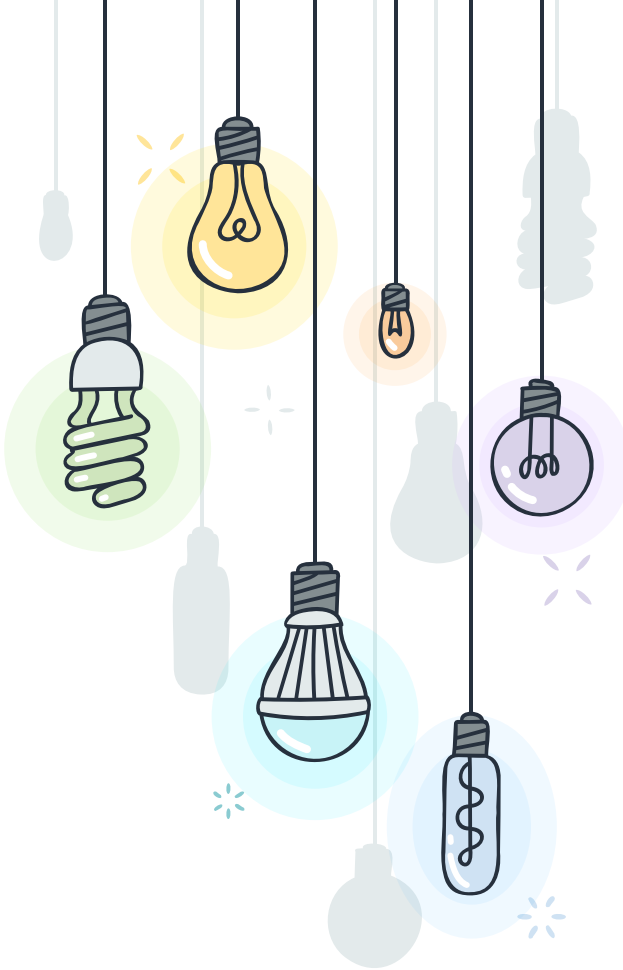


1

WHAT IS PYTHON?

Python is one of the most widely used programming language, It was created by Guido van Rossum, and released in 1991.

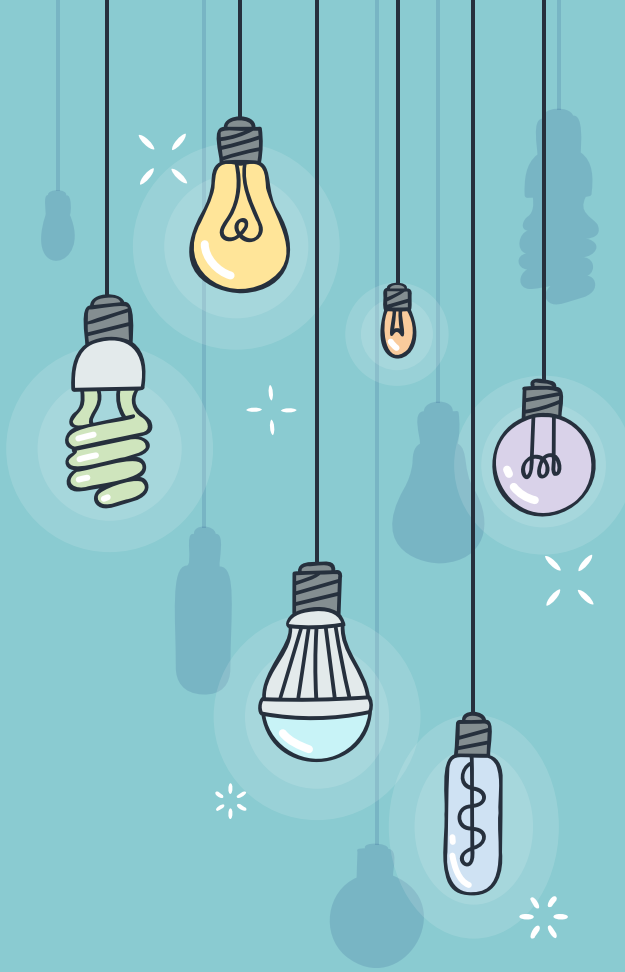
2

How does Python work on the computer?

Python is an interpreted, high-level, general-purpose programming language.

“

Python is the "most powerful language you can still read". - Paul Dubois



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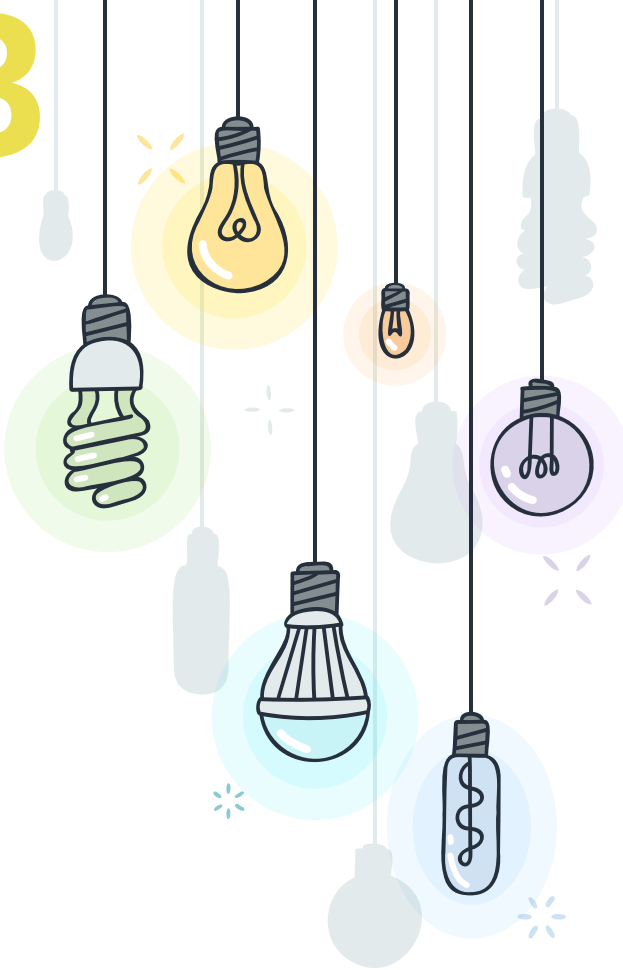
Setting up Python on your Machine

- WindowsOS
- MacOS
- Linux OS

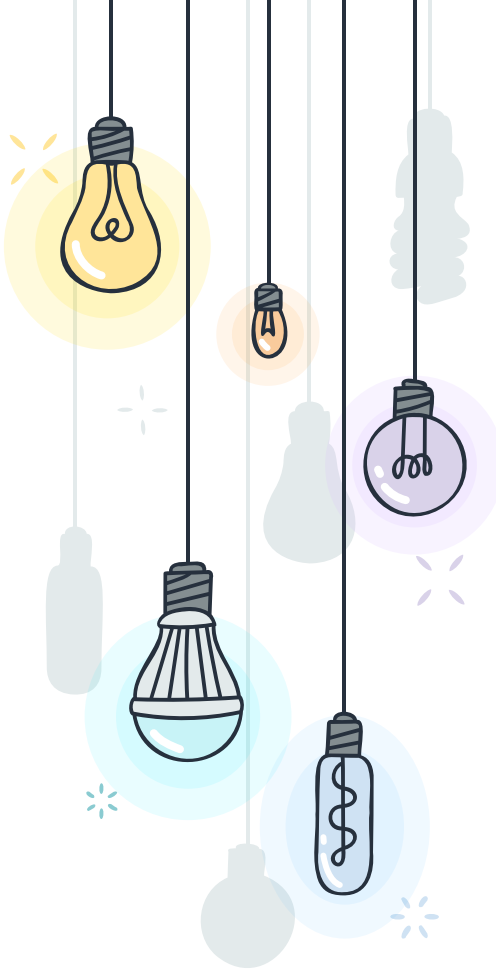


Alternatively, you can set up an account with replit if you don't want to set anything yet on your local machine.

4 Why you should learn Python

WHY YOU SHOULD LEARN PYTHON

- Beginner friendly if you're new to programming.
- Syntax is easy to learn.
- Python was designed for readability, and has some similarities to the English language
- Free and Open source
- Vast Libraries support



WHY YOU SHOULD LEARN PYTHON

Python developers are in demand. Across a wide range of fields, there is a demand for those with Python skills. If you're looking to start or change your career, it could be a vital skill to help you.

It could lead to a well-paid career. Data suggests that the median annual salary for those with Python skills is around £65,000 in the UK.

There will be many job opportunities. Given that Python can be used in many emerging technologies, such as AI, machine learning, and data analytics, it's likely that it's a future-proof skill.

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POPULAR SOFTWARES

Built with Python

YouTube

Spotify

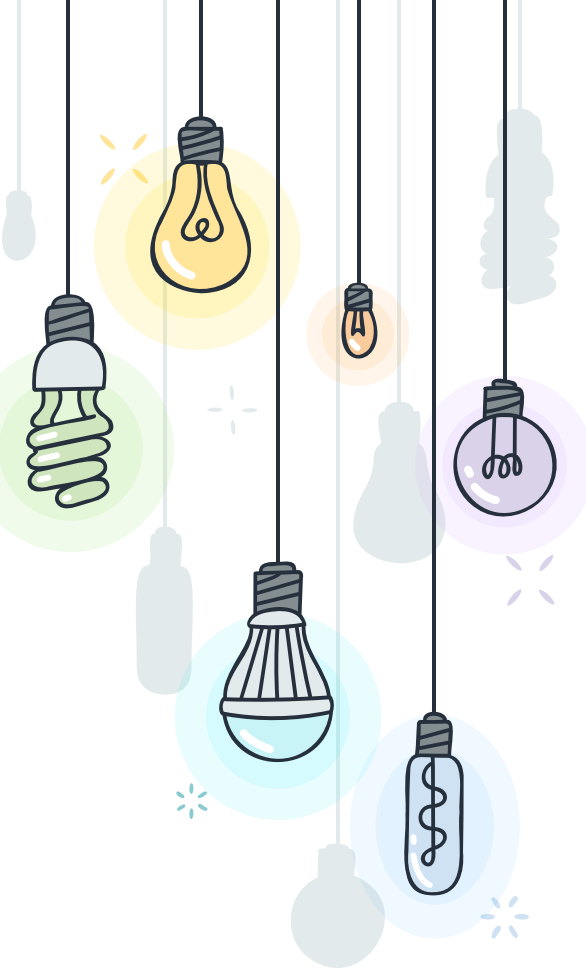
UBER

Pinterest

Dropbox

6 SECTORS THAT HEAVILY USE PYTHON

1. Web Applications
2. Data Analytics, AI, ML
3. Cloud Computing
4. Cyber Security
5. Robotics
6. Game Development



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CARVING YOUR PERSONAL WHY

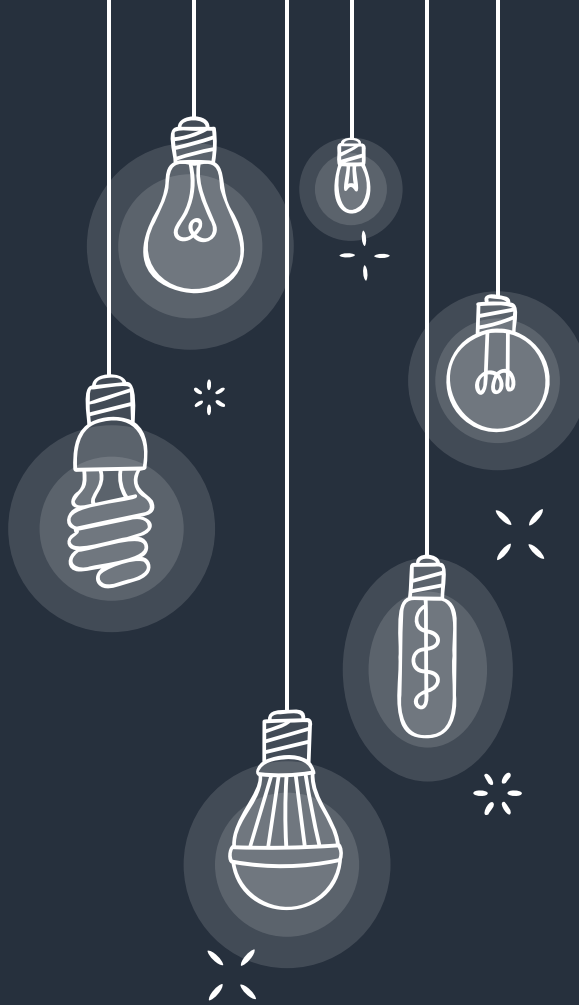
1. APPLICATIONS OF PYTHON
2. ALIGNING AN INTEREST
3. OPPORTUNITIES ALIGNED WITH YOUR INTEREST
4. THE MARKET DEMAND

MEDITATION

I don’t just want you to take this course. Before you proceed, take a moment to carve down your “why” and note it down in your journal.

You might be needing it in the future.

Thanks!

Let’s get started!

A work-around how to use
https://replit.com/