Learn Python With Me!

A Python programming course for beginners

Website:
https://vimaltech.com/python

Meetup page
https://gettogether.community/learn-python-with-me

About this course

Aimed at beginners in programming

Will cover the basic syntax, data types, control flow, functions, input and output etc.,

About me

Vimalkumar Velayudhan (Vimal)

IT consultant & Python trainer

https://vimaltech.com

Using computers (20 years)
Programming (13 years)

Experience in developing applications for web, desktop and mobile platforms

What is Python?

A high–level, interpreted, general–purpose programming language

Created by Guido van Rossum (1991)

Website: https:/www./python.org

Why use Python?

Elegant syntax — easy to read and understand code you wrote earlier

Batteries included — comes with a large standard library with functions for commonly used tasks.

Interactive mode — test snippets of code easily

Extendable — for example, by adding new modules written in a different language

Why use Python?

Runs everywhere — Android (unofficial), Linux, macOS, Unix, Windows

Free and Open Source software — you can modify and re-distribute

Who's using Python?

Google	Django (web framework),
Amazon	Wikipedia
YouTube	Spotify
DropBox	Instagram
Reddit	Facebook

And more https://en.wikipedia.org/wiki/List_of_Python_software

Let's Get Started!

What you will need

Python 3
https://www.python.org/downloads

Mu editor — to write and test your python programs
https://codewith.mu/en/download

Our first Python program

Open Mu editor

Click the **New** button and write the following text:

```python
print("Hello world")
```
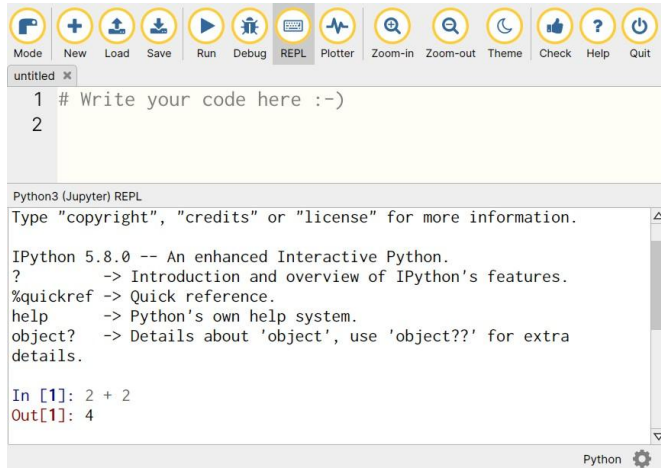
Save the file as `hello.py`

Run the program

The Python Interpreter

Click on **REPL** to invoke the Python interpreter

Alternatively, type the following in cmd.exe (Windows):

py

Or a terminal (Linux/Mac):

python3

Python basics

Variables

```
city = "Cork"
```

Functions

```
print(), input()
```

Data types (examples)

```
int   5
float 5.0
string "Python"
```

Comments

```
# This is a comment
```

Moving on from "Hello world"

A Temperature conversion program

Convert temperature in celsius to fahreheit and print the result

F = 1.8 x C + 32

Questions?

Please join the community on GetTogether
https://gettogether.community/learn-python-with-me/

The Meetup.com group will be closed soon

Contact me: vimal@disroot.org