# CODING FOR TEENS

### -----WHAT IS CODING-----

**Computer programmers** or "coders" are people who write step-by-step instructions that can make a computer perform a task.

By learning how to code, you'll be able to write your own programs and make the computer do what you want.

INPUT

**PROCESS** 

**OUTPUT** 

## WHY SHOULD YOU LEARN PROGRAMMING?

Computer programming is the future. When you look at how the world is developing, coding is an extremely useful skill to possess. Read: <a href="https://teachyourkidscode.com/why-coding-is-important-to-learn/">https://teachyourkidscode.com/why-coding-is-important-to-learn/</a>

- Creativity.Problem solving.Team Work.
- Learning to Learn.







So why choose Python over any other programming language? **It's simple:** 

Regardless of your operating system,

- Python is easy to set up.
- Python code uses plain English, making it easy to understand.



#### Python

Python isn't named after the type of snake. It's actually named after a British comedy group called "Monty Python's Flying Circus." The creator of Python, Guido van Rossum, was a big fan of the group and their quirky humor. Python programmers often use the group's jokes and famous quotes in their code as a tribute.

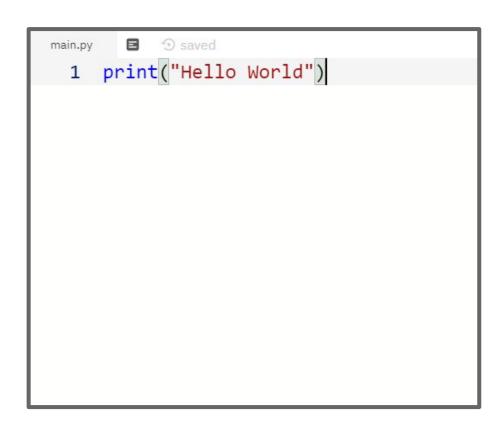


#### Writing your first PROGRAM?

1. Open online IDE <a href="https://repl.it/languages/python3">https://repl.it/languages/python3</a>

2. Install this IDE on your computer <a href="https://thonny.org/">https://thonny.org/</a>

## FIRST PROGRAM





## MUST WATCH:

- 14-Year-Old Prodigy Programmer Dreams In Code
- The Young Codemaster: Raising a Computer Prodigy | On The Red Dot | CNA Insider