

# CODING FOR TEENS

**CLASS-1**

# -----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: <https://teachyourkidscode.com/why-coding-is-important-to-learn/>

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





CHILDREN MUST BE TAUGHT HOW TO THINK  
NOT WHAT TO THINK - MARGARET MEAD

# WHY PYTHON ?

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.



LINGO

## 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

<https://repl.it/languages/python3>

### 2. Install this IDE on your computer <https://thonny.org/>

# FIRST PROGRAM

main.py



saved

```
1 print("Hello World")
```

Hello World



# MUST WATCH:

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