**Python overview:**

**Python** is a widely used [high-level programming language](https://en.wikipedia.org/wiki/High-level_programming_language) for [general-purpose programming](https://en.wikipedia.org/wiki/General-purpose_programming_language), created by [Guido van Rossum](https://en.wikipedia.org/wiki/Guido_van_Rossum) and first released in 1991. An [interpreted language](https://en.wikipedia.org/wiki/Interpreted_language), Python has a design philosophy which emphasizes code [readability](https://en.wikipedia.org/wiki/Readability) (notably using [whitespace](https://en.wikipedia.org/wiki/Whitespace_character) indentation to delimit [code blocks](https://en.wikipedia.org/wiki/Code_block) rather than curly braces or keywords)

Python features a [dynamic type](https://en.wikipedia.org/wiki/Dynamic_type) system and automatic [memory management](https://en.wikipedia.org/wiki/Memory_management) and supports multiple [programming paradigms](https://en.wikipedia.org/wiki/Programming_paradigm), including [object-oriented](https://en.wikipedia.org/wiki/Object-oriented_programming), [imperative](https://en.wikipedia.org/wiki/Imperative_programming), [functional programming](https://en.wikipedia.org/wiki/Functional_programming), and [procedural](https://en.wikipedia.org/wiki/Procedural_programming) styles. It has a large and comprehensive [standard library](https://en.wikipedia.org/wiki/Standard_library).[[25]](https://en.wikipedia.org/wiki/Python_(programming_language)#cite_note-About-25)

* Object oriented
* Portable
* Power full
* Easy to use
* Mixed with features from java,c++,perl

**Python installation:**

* **Go to this site** [**https://www.python.org/**](https://www.python.org/) **and click on download there we can python 2.7.13 then download it.**
* **Set environment variables**
* **Install pip**

**Data types in Python:**

* Number
* String
* List
* Tuple
* Dictionary
* Set