1)python

Answer:

Python is an interpreted, high-level, general-purpose programming language. Created by Guido van Rossum and first released in 1991, Python's design philosophy emphasizes code readability with its notable use of significant whitespace. Its language constructs and object-oriented approach aim to help programmers write clear, logical code for small and large-scale projects.

The ways to install python in pc

Windows

Step 1: Download the Python 3 Installer

Step 2: Run the Installer

Windows Subsystem for Linux (WSL)

Linux

Ubuntu

Linux Mint

Debian

openSUSE

CentOS

Fedora

Arch Linux

Compiling Python From Source

macOS / Mac OS X

Step 1: Install Homebrew (Part 1)

Step 2: Install Homebrew (Part 2)

Step 3: Install Python

iOS (iPhone / iPad)

Android (Phones & Tablets)

Online Python Interpreters

Conclusion

To get started working with Python 3, you’ll need to have access to the Python interpreter. There are several common ways to accomplish this:

Python can be obtained from the Python Software Foundation website at python.org. Typically, that involves downloading the appropriate installer for your operating system and running it on your machine.

Some operating systems, notably Linux, provide a package manager that can be run to install Python.

On macOS, the best way to install Python 3 involves installing a package manager called Homebrew. You’ll see how to do this in the relevant section in the tutorial.

On mobile operating systems like Android and iOS, you can install apps that provide a Python programming environment. This can be a great way to practice your coding skills on the go.

Alternatively, there are several websites that allow you to access a Python interpreter online without installing anything on your computer at all.

2)Code environment

Answer:

An "environment" in Python is the context in which a Python program runs. An environment consists of an interpreter and any number of installed packages. The Python extension for VS Code provides helpful integration features for working with different environments.

Types

1. Online Compiler from Programiz

2. IDLE

3. Sublime Text 3

4. Atom

5. Thonny

6. PyCharm