

Python programming language notes :-

In this complete Python course with notes, I'll teach you Python from the very beginning to the very end. I've included my handwritten notes with this video so that you can do revision wisely after the video. I'd like to tell you that this video, source code & notes are all absolutely free of cost. If you think this video is great, hit the like button and let me know in the comments "This Python course is helpful". VScode & Python are currently installing - we'll work when the download finishes. Visual Studio Code is like an advanced Notepad, providing extra features to make your programming easier. You can also write `pip --version` and it will display your pip version. You might be using Linux or Mac, but you can use any computer or OS.

Python is a powerful way to give instructions to the computer that allow it to understand exactly what task you're trying to perform. It works like pseudo code and is very readable, so there's no excuse not to learn it! Python is a high level language, meaning there's no need for memory management like with C and C++. It's built for people who just want to focus on their work, and Data Scientists and Machine Learning enthusiasts can benefit from its features. Python can be used for Data Science, Machine Learning, Game Development, and web development. To create a program with a name of your choice, you can install extensions in Visual Studio Code. With Python, you can unlock the power of the computer and create amazing things!

We've installed Python & VScode and we've got our complete setup here to do the code. Now we'll dive deep into the code we've written & into the Python language. What is the meaning of this & how can you write your own code? Let's take a look at 'built-in modules' - these are modules which are pre-installed with the installation of Python, such as 'Flask', which is used to build websites. Our first Python program consists of any name, just make sure it won't clash with the built-in modules, for example don't name a file 'ABC' or 'Flask'. With the help of pip, which is a package manager for Python that you get by default when you download the Python, you can install packages. There are two types of modules in Python - Built-in Modules & External Modules. Now let's write our very first Python program and say 'I've been walking on your steps'!