

WRITING YOUR FIRST PROGRAM

It is now time to learn a new command please note that print command just we showed you right now it is used to display something meaning output something to the screen your monitor right? Now let us learn how to take something as input from your keyboard by writing a piece of code.

I have now opened a spyder terminal as you can see here is my what is called the console where you can type your code, here is my place where i can type my code, what do i mean by that. Let me remove whatever is present here, once you become a sufficient programmer you can, you will understand what was present and what i am deleting makes about documenting your code anyway let's not worry about it. Now look at i can now say a equals one, a equals a plus one and then after a equals one i say print a and then after a equals a plus one i will say print a ok now i want this to be executed all at once. This is equivalent to remember we just console we were trying to type something in the previous discussion a equals one print a, this is same as a equals one put a semi colon and then say print a correct? A equals one print a and then a equals a plus one and then print a will simply execute all these things at once this can be given here or the same thing will also be given here, when you give here you must execute this code by going to the menu click on run and then click on run, it will first ask me to save this file, it is just like saving your simple ms word file i will type print dot py, it should always have py extension here like how you are ms word files have doc extension and note pads file have docs txt extension, your python has dot py extension click on save wherever you want to save and now when you go to run and say run it will run you and see the answer one and two is the answer it says running this particular file ok, let me write more, a equals a plus one and then print a ok, we will copy paste this and then repeat this again and again, perfect one this is so much fun i want to see what exactly happens now from here i planned to execute it, so how many times we should print a? Once twice three four five times six times seven times eight times and nine times let's make it ten times now, now what do you expect to be the output? It should have one two three four five six seven eight nine ten. Correct? Let's see if this is what does, go to run and click on run, you will get se perfect one two three four five six seven eight nine ten what did you learn just now? You can write a sequence of using semi colon here i will show you wait, where was that? Here. Like this you can type or you can type it like this or even you can save it for future reference right? You can save this file here is your programme what does a programme do? Assign one to the variable a and print variable a, as i told you variable is more like an entity which stores a value, a now has one but the same a is now incremented by one and then you print a and then you increment a by one print a and so on, so where minimum pre requisites is expected in this course and many of you do not know anything about programming, so all of you who is seeing programming for the first time will find this lessons very self explanatory and people who knows some programming already might be getting bored because we are talking about basics but very soon you will see that we will pace up and cover the whole of python and get

into some really cool computing applications so please tolerate our simplicity for the next few lecture videos.