

REALISING THE IMPORTANCE OF SYNTAX AND INDENTATION

Ok so coming back two equalities are important and after this there should be a colon, if there is no colon it will behave weirdly look at this i have removed colon right now i am running it, see invalid syntax it is even showing these arrows saying that ahh the syntax invalid syntax. The complicated word don't worry about what this means? It means computer is instead of angry with you for having, made a mistake. It says something is wrong here, what is wrong here? You should put a colon here. Why? Because that's how python works and then you come to the next line, you see you have printed, what, why have i left this space here? Let me not leave this space here and then let me execute. You see expected and indented block ahhh whatever that means if you dint understand don't worry you are not alone it is very difficult to make out what the computer says whenever it is angrily scolding you this is called compilation error and even its also complicated so don't worry all i mean is it is not very happy so that's because python expects you to give this space here and maintain that space everywhere whenever you are inside a if loop like this what do i mean? Let's go back to the scratch and look at this if something is true then you execute this, you see you can even put statements here go to looks and say you put hello here then it will say then you make this one so that its comes here double click its goes to here good morning for five seconds, five seconds over? Yeah over. Now hello for two seconds and then it will stop. You saw what happened? It will come inside and execute these two things whatever is within this yellow if loop similarly in python whatever is indented it will show. What do i mean by this? I will come here and i say print so you are doing well i see i will type this now i will execute this ok? Now always it asks for your choice and says one it will come inside and what do you expect it does. It execute these two things this is like in scratch whatever is inside this yellow thing is equivalent to whatever is written after providing this space in multiple lines after it. So when i do this and say enter you entered one so you are doing well i see, it says everything that is here it will not say anything in the next line, it will not say anything in the next line you must note this. Ok so that completes what is a if loop as end always things are not as easy as simply watching what i do and then nodding your head, right? you should try writing this code all by yourself exactly what i did here, you should repeat it, you should also do more than that ok? And please note these things come by practice. In the forth coming weeks we will be using "if" almost every single program will have if some where here or there you will get used to it very soon it's all a matter of time. Thank you all.