

## How To Go About Programming

So you have told us that programming has evolved to be very easier these days, so can you tell us how we will be leaning and how we go about programming in this course. So in this course we are going to start from scratch. By scratch I mean absolutely nothing. We only assume that you know how to use your mouse and your keyboard that's it ok and from there we are going to go ahead and teach you almost everything of what one is supposed to know in programming right? At the end of the course you will be ready to call yourself a programmer and you can actually start programming some non trivial things. So you mean to say after twelve weeks of the course i will be really ah knowing all the requirements of requirements to write a piece of code. See this i should, i should probably take a pause and then i should make you all realise that programming is a whole lot of practice. It is probably, it has two steps, one is you need some motivation to programme, that the course is giving you in abundance. No doubts about it, secondly you need to do a whole lot of practice, practice comes with, you should be inspired, you should be some sort of self motivation, you should sit with your friends and then talk to them and then see if there is something that take up as a challenge and then write a piece of code and then see the output that is something we should gradually cultivate right? With time. This is more like singing, you see i mean you cannot become a fantastic famous singer over a night; it involves a whole lot of practice a whole lot of thinking a whole lot of culturing of your voice and things like that. Programming is exactly that. In this connection i must tell you something that there are many people who give up on programming thinking that it is not for them and i must tell you all something that to the best of what i have seen to the best of what is known already programming is quite straight forward and comes with just few hours of practice but huge deterrent for the programming is the de motivation which generally emanates from your surroundings or your inability to solve something and things like that. So what you must do is go in baby steps, don't try to do something very complicated in the beginning of your leaning of the programming, go in baby steps and go as much as possible and talk to a whole lot of people and off course as in always keep trying. Right? Nothing like it. Ahh you said about programming and how we go about it, how can mathematician make use of it? Even i am from math background. So you are from mathematics background, be it maths, economics, chemistry, physics you name it. Today there is a requirement for all of us to calculate things to analyze things something as non trivial as how much water you intake every day? Right? What is your what is the change in weight from the past three four years of an individual ok? What is the amount of carbohydrates that you take? Protein that you take? Can something to say about your health. To analyze this kind of data and to infer something you need programming so you see an nutrition specialist requires programming, see all though you have packages which can be used to get all these things done, you must keep in your mind that this packages have a programme inbuilt, because of which the package works and it sometimes helps for you to understand how to programme so that you can customize whatever you need to do as per your requirements. So i would say programming is definitely not a must for everyone but is a great

add on to your skill no matter what you are doing and no matter what background you hale from.