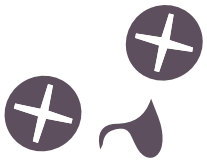
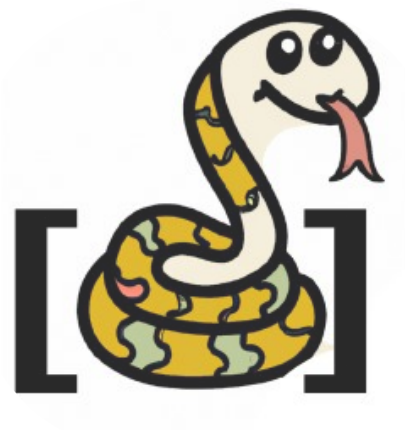
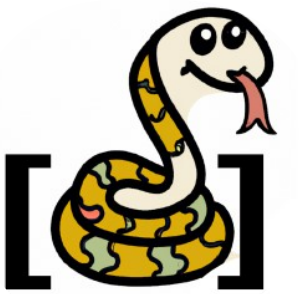
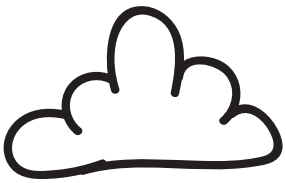




TastyPython

An online Python course for research aspirants





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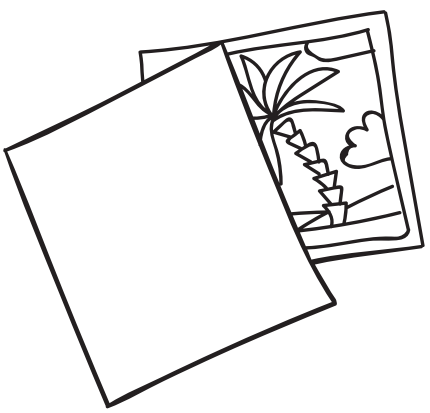
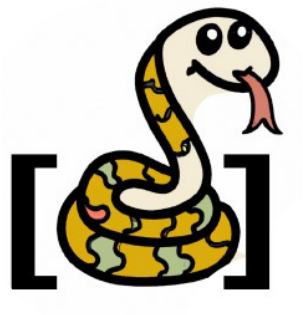


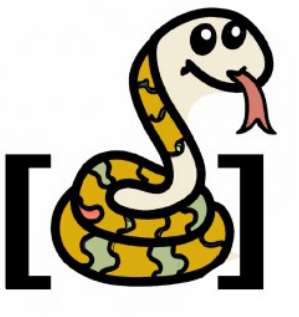


Who is this course for?

Firstly, people want to code. Secondly, what they learn in classrooms is crap. So thus was born TastyPython. The classroom curriculum in schools and universities do not convey the exitement and motivation that one needs in order to code the right thing the right way. Coding is infact more about what you really want to do with code!

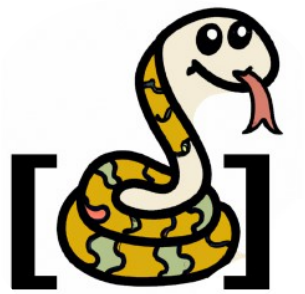
It was realised in the very beginning of the 20th century what a nitty-gitty calculator could do to Science, we put humans atop the moon in 1969 with computer companions far obsoleted by even your smartwatches today.

Such is the power of code, it takes you to the moon and helps you discover Osletamivir for Influenza.It takes almost nothing to model something like a protein on code, learning to code is thus a life saving addition to aspiring scientists. This course wants you to learn code, the right way.



About the instructor

My name is Tejas K. and I'm just another first year Physics undergrad. I learnt code as a 12 year old, on my own with a book and and some projects. You'll find me boasting around about my 7 years experience during boring CS lectures. I admit it, CS is boring. It's boring cause we are made to learn it the wrong way. I never learnt code as a formal descipline, it was a simple causal teenage love affair with a lot of questions. Coding is like learning to repair cycles in a garage. You cannot learn it by instruction, only by doing it by hand. Then why do you need me to learn code ? It's a good question. You need projects, and no sane person would invent projects of their own and follow them actively to get them finished. Being human beings we tend to be lazy over this tricky part (And thats why submitting assignments in class is such a difficult thing to do for everyone, all over the globe). I'll get you through practical difficulites that stand against your learning path and help you learn meaningful ways to code on your own. Most people end up memorising code for exams, which is what I wish to change with this course. This course will give you indepth knowlege about various things I've learnt over the years, the latest tools in the world of computer science, and everything else a budding scientist needs to know about code. I'm sure that this will be a great addition to your skill set as a young scientist in your domain.

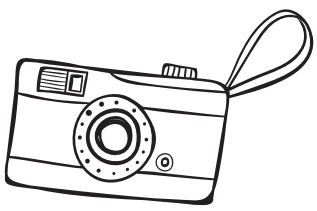


Course Structure

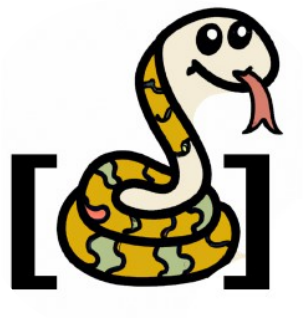
This course is organised week-wise. Every week you learn something new, practise the syntax several times and then work on a project given for the week. This ensures that you learn,apply as well as practise what you learn. Apart from what's mentioned here, you'll learn things like web hosting and Github along the the lines as additionals. After finishing the 16 week course, you'll be given the choice to either continue further, that would teach you algorithms, or start a big project on your own and finish the course. If you choose this track, you no longer pay the course fee and get free guidance for your project completion. The course duration is roughly four months, but it may extend a week or so depending on circumstances. All in all this course hopes that you'll learn something meaningful at the end of the whole thing. Are you exited ?

Week-wise course distribution :

Week 1 : Intro to code
Week 2 : Modules
Week 3 : Functions
Week 4 : Selection and IF
Week 5 : Iteration
Week 6 :Strings
Week 7 : Lists
Week 8 : Files



Week 9 : Dictionaries
Week 10: Exeption Handling
Week 11: GUI
Week 12: Recursion
Week 13: Object Oriented Programming
Week 14: OOP2
Week 15: Plots and Trutle
Week 16: Numpy, Scipy and Pandas



Course Fee and details

Fee per month : Rs. ~~1500~~ Rs. 750 per month

$10 per month for International Students

Duration of course : 4 Months

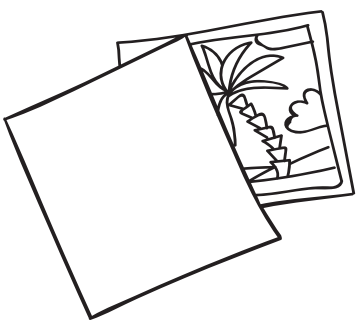
Class timings : Friday and Saturday from
8:00PM to 10:00PM IST

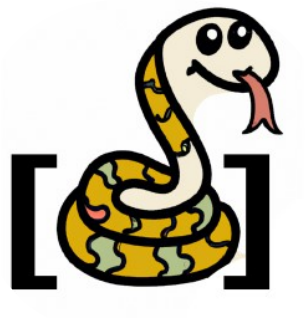
Platforms used : Zoom/Jitsi for meetings
Github reporsitory for project
CodeTogether platform for live coding

How it works :

Every week you get a project to be submitted by the coming week. The code will be reviewed and necesarry feedback will be given the next week. At the end of the course you will be working on a larger project designed by yourself, that tackles a problem you wish to solve. The sessions for the final project will be free of cost.

This course will be held completely online, over the Zoom or Jitsi platform depending on convienece, The meetings shall be recorded and sent to you over mail.
The course fee is non refundable.





More about the course

Since the sessions will be recorded, it's okay if you miss aone or two over a week. But you must make sure you do the activtites done in the session and the week's project.

There may be guest sessions over related topics that will help you with things like web hosting or APIs. You will have exposture to a varied palatte of coding problems and experience.

Hoping to have a great time with you guys teaching and learning. Oh yeah i forgot, i'll be sending feedback forms every week for you to suggest me ways to improve the sessions, or tell me the problems you face with the sessions. I'll make sure that I pay attention to the valuable feedback to give you the best experience I can.

Code is a very casual thing. It works when it works and when it doesn't you're struck. Its normal to be struck, and there will be a way out. There always has been, thats why this pdf can reac you over mail today. Cheers to the Adobe team !
The code will somehow be put to work :)

Have a great day ! (Did you like the random doodles?)