Course Details Of Python Basic

Instructor Name: shivani **Course Name: PYTHON** **Level: Beginner to Intermediate** **Age group: 12+** **Sessions: 15**	**Course Description:** To begin or excel in Programming, Games, Problem Solving, Logical Thinking or using your computer to its maximum potential – you can learn to code. Coding can be done in several languages, Python being the top choice of recent developers and scientists. Be it Data-Science, Artificial Intelligence or Algorithmic Programming, Graphics User Interface development or just basic Game development – Python can be used to learn all of it. We will be teaching the basics of Python in this course giving a head-start to aspirants who want to get into coding and software development in the future. We will be learning Python3 in this course and follow PEP8.
Topics to be covered in the course: + History + Coding in Python + Variables, Data types + Operators + Collections + Control Flow + Loops/Iterations + Functions **Learning Objectives:** + Turning capable into writing and reading of Python Code + Enhancing the Logical and Cognitive abilities + Proficiency in Algorithms and Problem Solving using computers	**Projects that child will make:** + Interactive Quiz Game + Vote Eligibility checker, Even-Odd + Basic Calculator + Math Table-1000 + Height Convertor from Feet to Centimeter + Number Guessing Game + Hangman Game + Magic 8 Ball: Fortune Telling Game + Counting Vowels + Fibonacci Series + and more

About yourself:

I am a Tech-Enthusiast by hobby. I like sharing the knowledge I have collected through years of live project development. I have an experience of 1+ years in Computer Science domain of Teaching and Learning.

Course Logo	Pre-Requisite	Who is this Course for?
	+ None. Everything will be 'built' from scratch.	+ Someone who wants to learn Coding/Programming and Problem Solving using Computers. + Someone who wants to strengthen their basics in Python.