Life Changing Course in Python Programming with Hands on for Kids (Level - 2)

- **Course Name:** Python Programming for Kids
- **Level:** 2
- **Course Code:** J2
- **Instructor:** Chaitanya Patil (Instructor Profile)
- **Frequency:** 2 Sessions per week. 1 Session = 75 minutes. 3 to 4 days gap between two sessions.
- **Fees:** 199 US$ (Get Discount for Referrals and Group Joining)
- **Duration:** 32 Hours Approx. (13 Weeks Approx.)
- **Note:** First Session is completely FREE and open to all. Make Full Payment only after 1st FREE session and if interested to continue.
- Reach us for more details.
- **Note:** Reach us for Advanced Python Programming, Python for Data Science, Vedic Speed Mathematics (FREE) and all other IT Courses.
- **More Info:** www.Speed16.com/training
- **Contact:** info@speed16.com **OR** +91-97640-58-654 **OR** Direct Whatsapp (https://wa.me/919764058654/?text=Hi) **OR** Direct Telegram (https://t.me/CP512)

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What you need to do before attending First Class?

1. Refresh Basic Python Programming Concepts of Level 1.
2. Download and Install Anaconda Distribution. Refer below Installation Guide.
   Link: https://speed16.com/files/training/guides/Anaconda_Installation_Guide.pdf
   (Anaconda Distribution automatically installs Python, Jupyter Notebook and many other Data Science Modules).
3. Reach me if you face any difficulties {+91-97640-58-654; Direct WhatsApp (https://wa.me/919764058654/?text=Hi); Email: info@speed16.com}

Note: We are writing Python programs in Jupyter Notebook.

Syllabus in Brief:

Unit	Units	Class Number
1	Introduction & Revision	1
2	Turtle	2 & 3
3	Functions	4, 5 & 6
4	Date/Time	7
5	Modules & Packages	8 & 9
6	File Handling	10, 11 & 12
7	Object Oriented Programming	13, 14 & 15
8	Exception Handling	16, 17 & 18
9	Database Connectivity	19 & 20
10	TKinter	21, 22 & 23
11	Projects	24, 25 & 26
26 Sessions * 1.25 Hrs. = 32 Hours Approx.		

Syllabus in Detail:

Note: After each session, Learners need to complete assignments before attending next session. Assignments are given at the end of each unit. Learners need to send assignments of each unit on chaitanya.1600@gmail.com (for each unit send one ipynb file which consists of all assignments of that particular unit).

Unit 1: Introduction & Revision	
1	Introduction to Python
2	Revision of Operators, Decision Making, Loops and Data Types
Assignments (Write Programs with Comments)	
A1	Programs on Decision Making & Loops
A2	Programs on Data Types

Unit 2: turtle	
1	Introduction to turtle
2	Basic turtle methods
3	Draw a Line, Square. Star, Hexagon, Square Box etc.
4	Draw Rainbow Benzene
5	Draw Spiral Helix Pattern
Assignments (Write Programs with Comments)	
A1	Draw a Line, Square, Rectangle & Circle.
A2	Write a Python program that draws a rectangle. The long sides must be 300 steps long and the short sides must be 150 steps long
A3	Write a Python program that draws a square spiral
A4	Write a Python program that draws a blue flowers
A5	Write a Python program that draws a colorful hexagon spiral program:
A6	Write a Python program that draws a Rainbow Benzene
A7	Write a Python program that draws a Spiral Helix Pattern

Mini Projects	
1	Calculator Project (GUI)
2	Music Player
3	fun_color
4	Snake Game
5	Space Invaders
6	Tic Tac Toe

NOTE: All registered members are going to get Complete Syllabus through email.

Contact:
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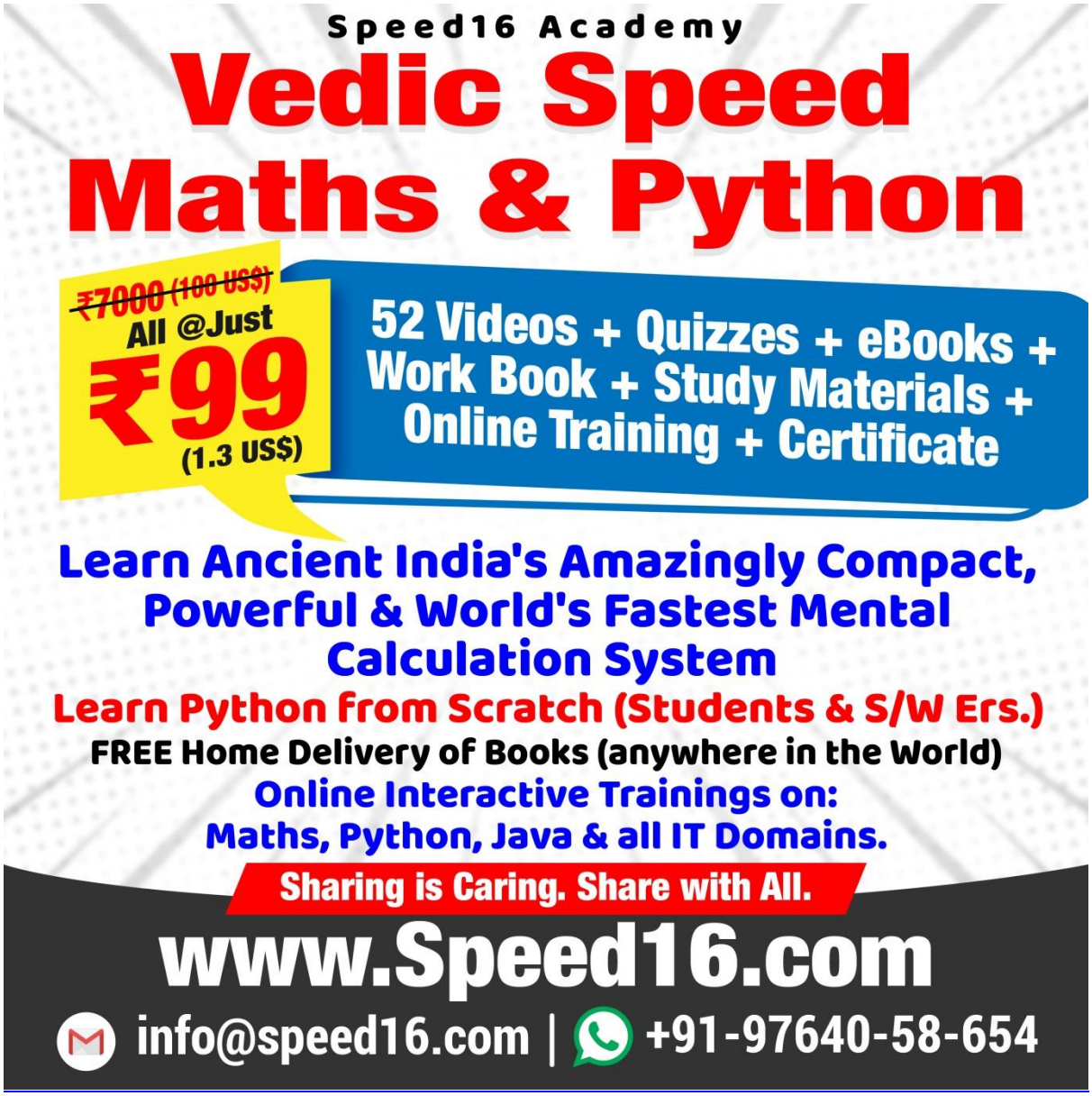
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