

Life Changing Course in Python Programming with Hands on

- **Course Name:** Python Programming
- **Course Code:** IT1_P1
- **Instructor:** Chaitanya Patil ([Instructor Profile](#))
- **For Whom:** S/W Engineers, High School & College Goers
- **Frequency:** 2 Sessions per week. 1 Session = 2 Hours.
- **Fees:** 119 US\$ (Get Discount for Referrals and Group Joining)
- **Duration:** 24 Hours Approx. (6 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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- ✚ Contact: Chaitanya Patil info@speed16.com +91-97640-58-654 [Direct Whatsapp](#)

14	Comments
15	Blank Lines in Python
16	Multiple Statements on a Single Line
18	Waiting for User (input function)
19	Some Functions: print, input, id, type, len, int, float
PP: Practice Programs (Write Programs with Comments)	
PP1	Write a Hello World Program
PP2	Read Information (Name, Age, Address, Salary etc.) from user and display them.
PP3	Read two names, two integers & three float numbers from user and display them.
PP4	Write a program that asks the user for their name and then prints welcome message. Expected Input & Output: Enter Your Name: Ganesh Hi Ganesh, Welcome to Speed16 Academy
PP5	Write a program to add two numbers.
PP6	Write a program to add, subtract, multiply and divide two numbers.
PP7	Calculate area of Rectangle (area = b*h)
PP8	Calculate area of a circle (area = 3.14 * r * r)
PP9	Calculate Simple Interest (SI = p * n * r / 100)
PP10	A customer is offered 16% discount on the printed price of a laptop. The customer has to pay 10% GST (Tax) on the remaining amount. Write a program to calculate the amount to be paid by the customer.
PP11	Ask user to read a word/line. Calculate its length (Hint: Use len function)
PP12	Read a number (say n) from user. Print 'n' number of hashes (#) between * and *.Examples: For n=3; Output is: *###* For n=5; Output is: *#####*
PP13	Display float number up to 3 decimal places using print() Hint: print('% .3f' % a)

2: Data Types	
1	Numbers (int, float) (complex, bin, oct, hex)
2	Strings
3	Lists
4	Tuples
5	Dictionary
6	Sets
7	Data Type Conversion (Implicit and Explicit)
8	Format Specifiers and Escape Sequences
9	Some Functions: sum, len, sqrt, dir, dir(math), dir(str), dir(list), dir(tuple), dir(dict), dir(set), __sizeof__(), min, max,
PP: Practice Programs (Write Programs with Comments)	
PP1	Create a List of 10 elements with different data types. Print it. Find its Length. Convert it to Tuple and Print it. Print its first, 3 rd & 5 th element. Print Data Type of 6 th Element.

PP2	Create a Tuple of 10 elements with different data types. Print it. Find its Length. Convert it to Set and Print it.
PP3	Write a program to delete an element from a tuple.
PP4	Create a Set of 10 elements with different data types and with some duplicate values. Print it. Find its Length. Convert it to List and Tuple. Print them.
PP5	Create a Tuple of 10 elements with integer and float data types. Print it. Find its Length. Find sum of all elements. Also find smaller and larger element. (Hint: use sum, min & max).
PP6	Create a dictionary. Print it. Print only Keys. Print only Values. Print its length. Update values. Clear all dictionary.
PP7	Create a dictionary. Print it. Add couple of Keys to it. Delete Some Keys. Print it.
PP8	Create a dictionary. Find sum of all the items in a dictionary. (Hint: sum(a.values()))
PP9	Create two Strings. Print them. Concatenate them. Find Length. Print first string 3 times.
PP10	Create two Strings. Perform various slicing operations on them.

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

Contact:

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