[0:00](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=0s) Introduction [0:50](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=50s) Syntax of Python [2:37](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=157s) Comments [5:03](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=303s) Variable [10:10](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=610s) Data Types [14:14](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=854s) User Input [17:40](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=1060s) Numbers [27:42](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=1662s) Math [36:48](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=2208s) String [54:10](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=3250s) Logical Operators [1:01:29](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=3689s) Conditional Operators [1:13:27](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=4407s) Practice Problem [1:18:07](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=4687s) Fizz Buzz [1:28:43](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=5323s) While Loop [1:33:27](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=5607s) Guessing Game [1:40:20](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=6020s) Light On-Off Project [1:55:27](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=6927s) Practice Problem [1:58:24](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=7104s) For Loop [2:10:46](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=7846s) Nested For Loop [2:15:50](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=8150s) List [2:44:34](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=9874s) Tuple [2:51:19](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=10279s) Set [2:53:45](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=10425s) Dictionary [2:58:14](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=10694s) Practice Problem [3:02:14](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=10934s) List Comprehension [3:04:08](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=11048s) Function [3:10:00](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=11400s) Arbitrary Function [3:17:36](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=11856s) Keyword Argument [3:20:34](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=12034s) Lambda Function [3:25:22](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=12322s) Map Function [3:29:25](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=12565s) Multiple Inputs in One Line [3:32:43](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=12763s) Exception Handling [3:41:44](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=13304s) File Handling (1st Way) [3:52:36](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=13956s) File Handling (2nd Way) [4:02:17](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=14537s) Class in Python [4:08:35](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=14915s) Constructor [4:14:53](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=15293s) Inheritance [4:19:43](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=15583s) Modules in Python [4:28:49](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=16129s) Packages in Python [4:36:23](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=16583s) Random Module [4:42:37](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=16957s) Hand Cricket Game [4:48:23](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=17303s) pip - pypi [4:55:15](https://www.youtube.com/watch?v=FF2UcqjOGrU&t=17715s) Final Instructions

Syntax of Python

#syntax of python  
# for Python syntax  
x=10  
print(x)  
for i in range(0,5):  
 print(i)  
# for java syntax  
for (int i= 0; i < 5:i++){  
 System.out.println(i);

**Output:**

"C:\Users\HP\PycharmProjects\syntax of Python\venv\Scripts\python.exe" "C:/Users/HP/PycharmProjects/syntax of Python/main.py"

10

0

1

2

3

4

Process finished with exit code 0

Variable:

#variable  
  
x=5  
y=6  
z=x+y  
print(z)# z is variable  
print(z\*y)  
number= 5  
new\_number= number+5  
print(new\_number)

#data type:

#Data type:  
name= 'salman'  
age=26  
print(name)  
print(age)  
ratio=0.56  
print(str (age)+ name)  
  
print(type(name))  
print(type(age))  
print(type(ratio))

Output:

salman

26

26salman

<class 'str'>

<class 'int'>

<class 'float'>

Process finished with exit code 0