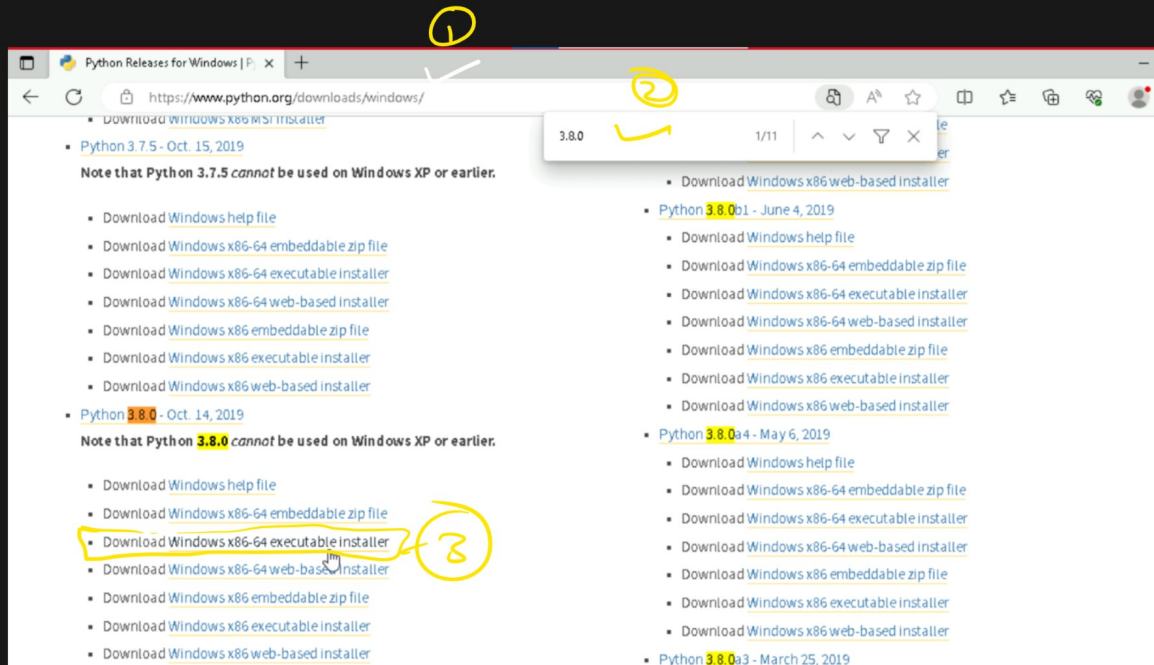


KPM67

Day-1

07-08-2023



```
C:\Users\Administrator>python
Python 3.7.9 (tags/v3.7.9:13c94747c7, Aug 1
Type "help", "copyright", "credits" or "lic
>>> a=10
>>> a=19
>>> a
19
>>> print(a)
19
>>> id(a)
140720257007232
>>> hex(id(a))
'0x7ffbfcee7e80'
>>> type(a)
<class 'int'>
>>> exit()

C:\Users\Administrator>
```

<div>• Py</div> <div>Within sys or IDG</div>	<div>• Pyw</div> <div>as usual</div>
	<div>as usual</div> <div>Tw guy</div>

Task Scheduling

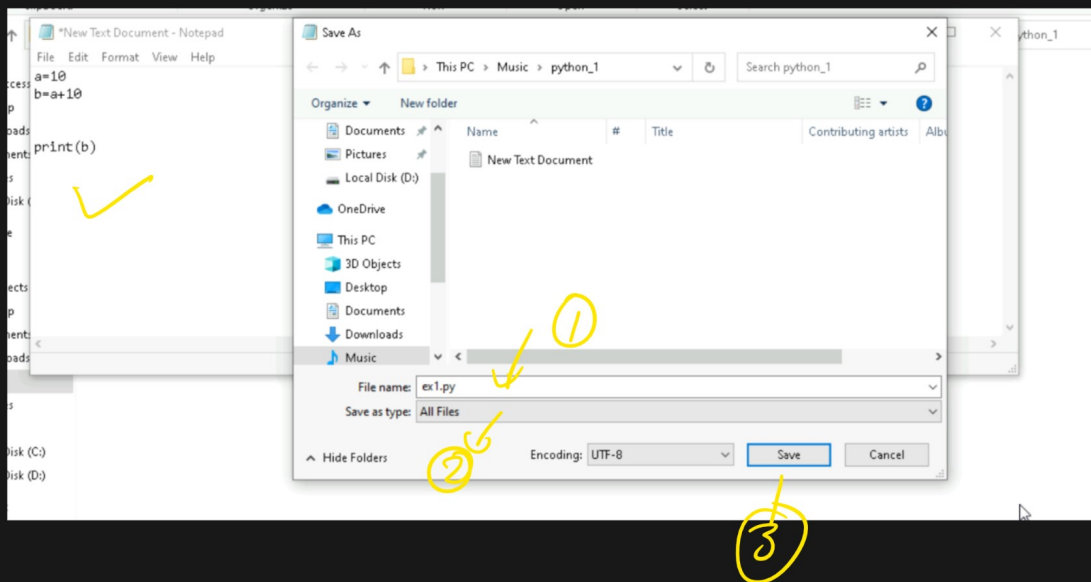
* With console

* Input/output

* Without console

* Run silently with In the background

Create A Python File from Notepad



Run/Execute A Python File over cmd:

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.19044.2846]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Administrator>python
Python 3.7.9 (tags/v3.7.9:13c9474c7, Aug 17 2020, 18:58:18) [MSC v.1900 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> exit()

C:\Users\Administrator>cd C:\Users\Administrator\Music\python_1
C:\Users\Administrator\Music\python_1>dir
Volume in drive C has no label.
Volume Serial Number is B6AA-BF4C

Directory of C:\Users\Administrator\Music\python_1
07-08-2023  15:27    <DIR>          .
07-08-2023  15:27    <DIR>          ..
07-08-2023  15:27                26 ex1.py ✓
07-08-2023  15:25                0 New Text Document.txt
               2 File(s)          26 bytes
               2 Dir(s) 119,951,642,624 bytes free

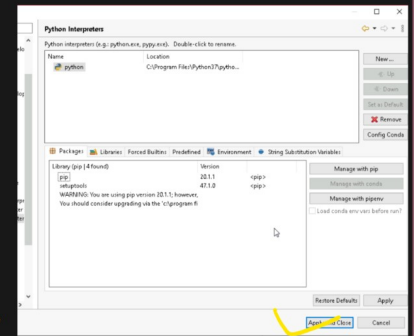
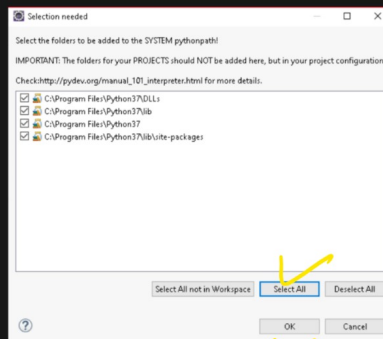
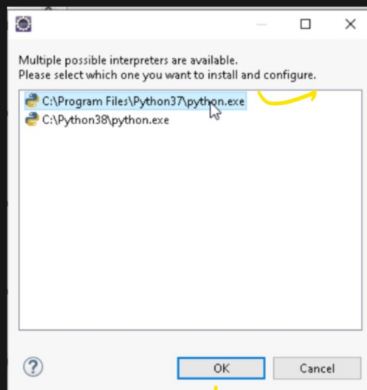
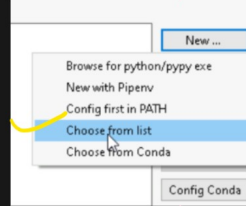
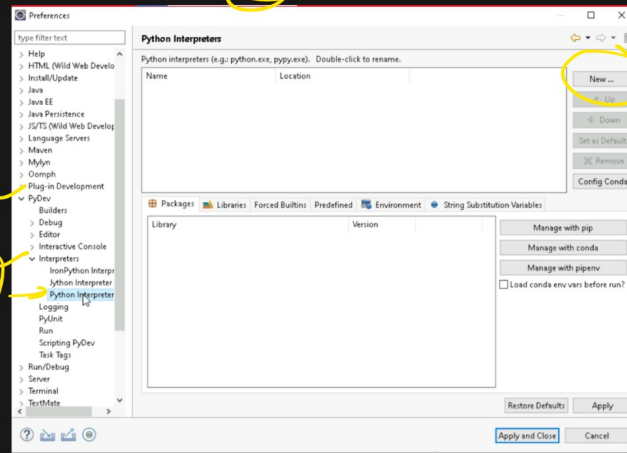
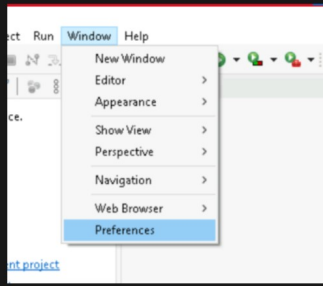
C:\Users\Administrator\Music\python_1>python ex1.py
20

C:\Users\Administrator\Music\python_1>
```

Change the dir to file location
 Check dirch list of files/folder

Execute A Python file

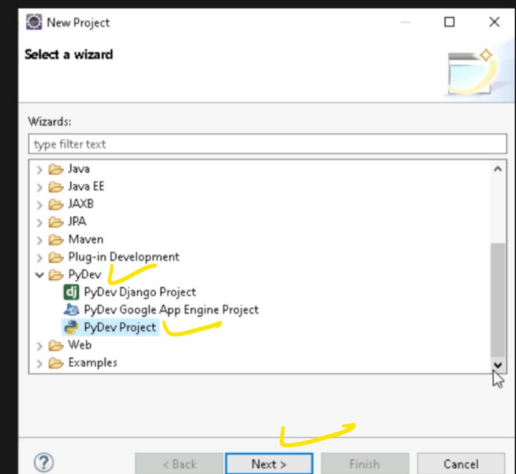
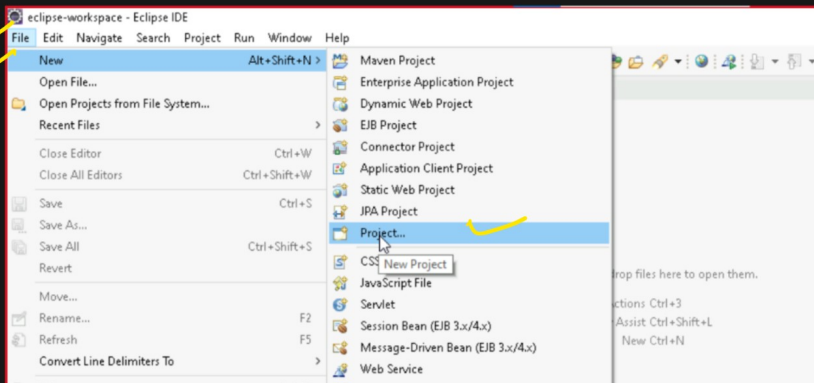
To setup Interpreter with in eclipse.

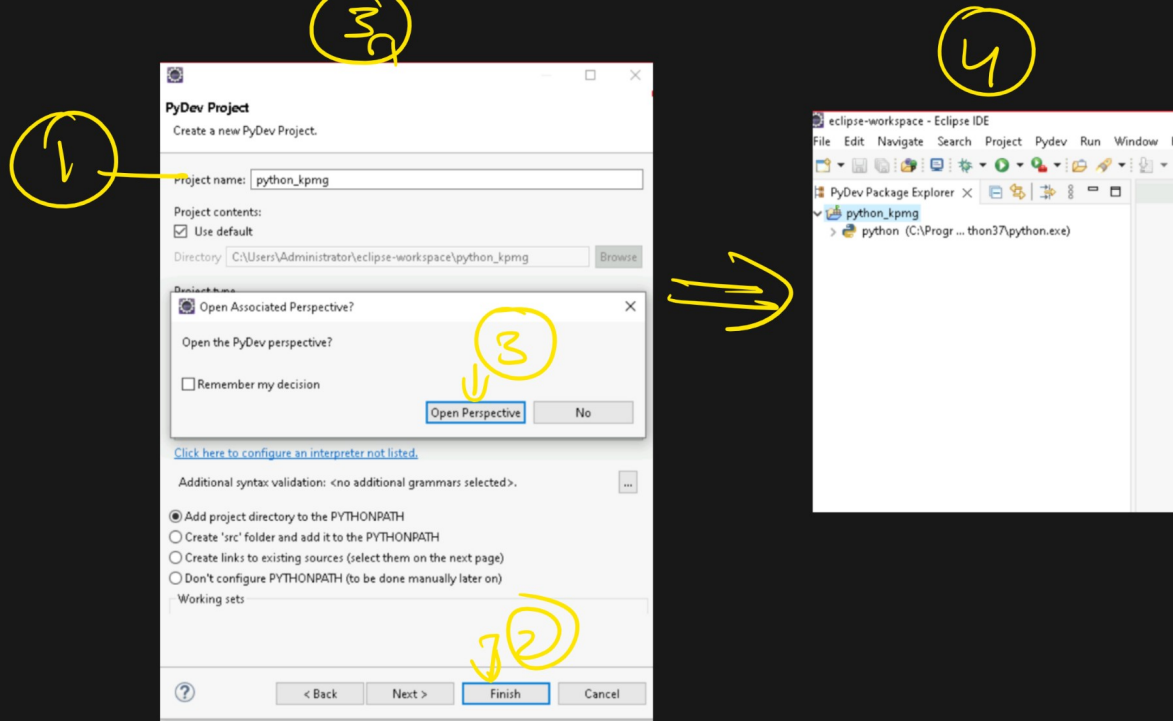


create New Project

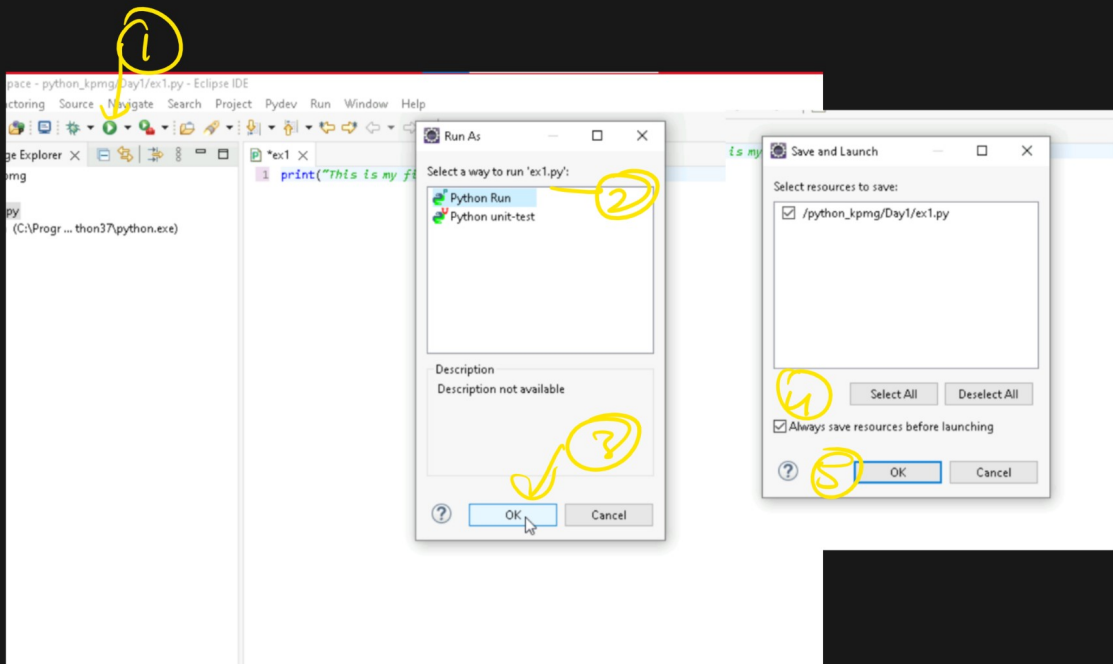
1

2

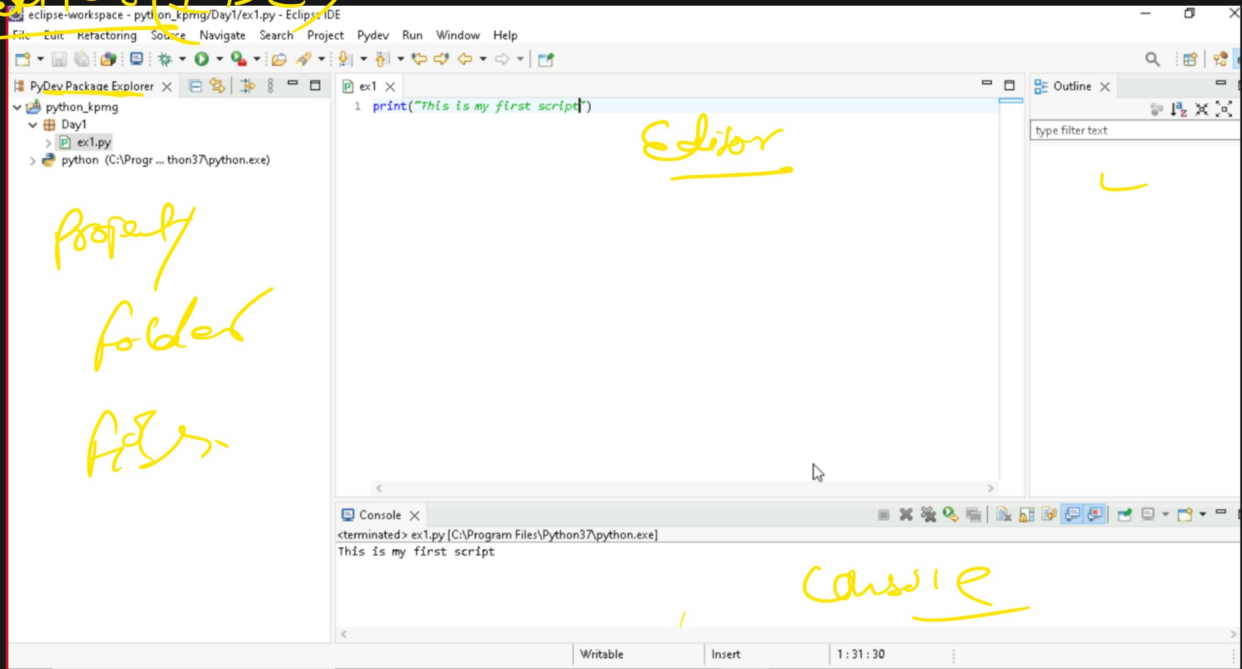




Run Python file



Editor (IDE)



① Assign a single value to multiple variables

`a = b = c = 10.45`

② Assign multiple values to multiple variables

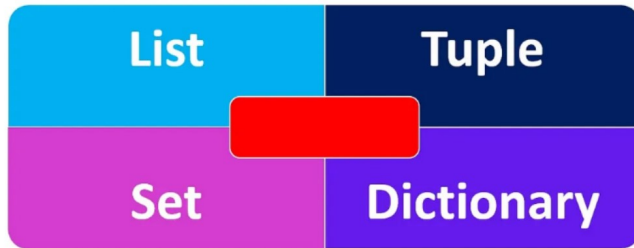
`a, b, c = 10, 10.8, 'Nishant'`

Len(var) = len(values)
Ex: `len(a) = 1`
Ex: `len(b) = 4`
Ex: `len(c) = 7`

Python Collections

1, 2, 3 ——— 1, 2, 3 ordered
 — 1, 3, 2 unordered

Collections in Python



String } Seq
 # tuple } Ordered.
 # list }

Dictionary { unordered
 # Set

Iterable
 or

Loop
 it

Tuple

* Tuple object can contain different kind of objects

* Tuple object is Iterable → Loop it

* Tuple object is Ordered — Seq — { Indexing } → Retrieve Data
 { Slicing }

* Tuple object is Immutable → C U R D

* C) Empty

(value,) ← one value
 tuple

* (1, 1.2, "Nishant", (1, 2), [1, 3], {1: 1, 2: 2}, {2, 1, 2}, {0, 1})

Tuple

C U R D

X X X

& Indexing

* () ← empty

* (value,) ← one value

* (1, 1.2, 'Nishant', 48)

* Slicing

* Loop it

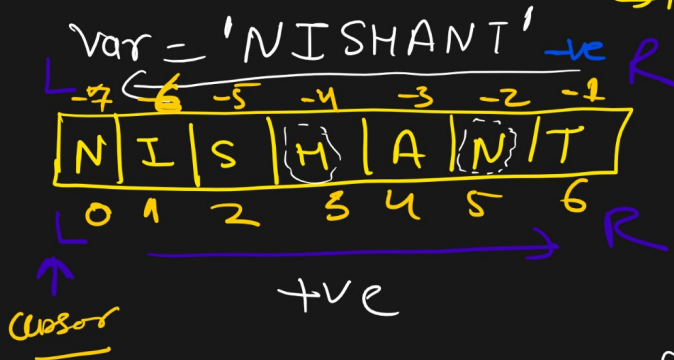
Indexing → seq

String
List
tuple

+ve Indexing

L → R

Start with → 0



-ve Indexing

R → L

Start with = -1

✓ Note only one value

b = var[5] or var[-2]

↑ N

-ve Index

var[3] or var[-4]

↑ 'H' middle

+ve Index

var[1] or var[2]

↑ 'I' true



P.3

W.A.P for following

Amount per item

✓ Burger = 30

✓ Pizza = 100

✓ Tomato Soup = 40

✓ sgst = 2.5%

✓ cgst = 2.5%

Input Window

```
Command Window
New to Python? Watch this video, see Examples, or read Getting Started.

Food Menu :
1.Burger
2.Pizza
3.Tomato Soup
Enter your choice : 2
Enter quantity : 5
```

Output Window

```
Command Window
New to Python? Watch this video, see Examples, or read Getting Started.

Tax : 50.000000
Total amount is : 550.000000
Thank you Visit again..
```

Display (1)
Input (2)
Calculation (3)
Tax
Total bill

Display (4)