

```
In [2]: 'WELCOM O NARESH IT'
```

```
Out[2]: 'WELCOM O NARESH IT'
```

```
In [3]: 'WELCOME TO PYTHON'
```

```
Out[3]: 'WELCOME TO PYTHON'
```

```
In [4]: 10+5
```

```
Out[4]: 15
```

```
In [5]: 10-5
```

```
Out[5]: 5
```

```
In [7]: 10/5 float division
```

```
Out[7]: 2.0
```

```
In [8]: 10//5 int division
```

```
Out[8]: 2
```

python 1st code

. work with number

```
In [3]: 10 + 5
```

```
Out[3]: 15
```

```
In [5]: 10 - 5
```

```
Out[5]: 5
```

```
In [7]: 10/5 float
```

```
Out[7]: 2.0
```

```
In [9]: 10*5
```

```
Out[9]: 50
```

```
In [11]: 10//5 int
```

```
Out[11]: 2
```

```
In [13]: (10+5)-7+6
```

```
Out[13]: 14
```

In [17]: `5+(5*5)`

Out[17]: 30

In [19]: `(5+5)+5`

Out[19]: 15

In [23]: `_+3`

Out[23]: 6

In [25]: `_+6`

Out[25]: 9

In [27]: `import sys`
`sys.version`

Out[27]: '3.12.7 | packaged by Anaconda, Inc. | (main, Oct 4 2024, 13:17:27) [MSC v.1929 64 bit (AMD64)]'

In [33]: `1 +1`
`2 +1`
`3+1` it print current line

Out[33]: 4

`print(1+1) print(2+1) print(3+1)`

In [39]: `a = 10`
`b = 20`
`c = a+b`
`print (c)`

30

22nd oct

python variable concept = python identifier concept

. syntax of define variable||(variable name = value)\(identifer = value)

In [2]: `NIT = 15`
`NIT`

Out[2]: 15

In [4]: `NIT=20`
`NIT`

Out[4]: 20

```
In [6]: V = 15  
V
```

Out[6]: 15

```
In [10]: print(V)  
print(NIT)
```

15
20

```
In [12]: NIT
```

Out[12]: 20

```
In [14]: 1var = 30  
1var
```

```
Cell In[14], line 1  
    1var = 30  
    ^  
SyntaxError: invalid decimal literal
```

```
In [17]: var1 = 10  
var1
```

Out[17]: 10

```
In [19]: var_ = 19  
var_
```

Out[19]: 19

```
In [38]: x_train, x_test=18,29  
print(x_train)  
print(x_test)
```

18
29

```
In [32]: x_train, x_test = 18,29  
  
print(x_train)  
print(x_test)
```

18
29

```
In [45]: a = 10  
b = 20  
c = 30  
d = 40
```

```
In [47]: a,b,c,d = 10,20,30,40  
  
print(a)  
print(b)
```

```
print(c)
print(d)
```

```
10
20
30
40
```

```
In [4]: ABC = 100 # case sensitive
        abc
```

```
-----
NameError                                Traceback (most recent call last)
Cell In[4], line 2
      1 ABC = 100
----> 2 abc

NameError: name 'abc' is not defined
```

```
In [6]: nit@ = 6 # special character
        nit@
```

```
Cell In[6], line 1
      nit@ = 6
      ^
SyntaxError: invalid syntax
```

```
In [8]: nit_ = 20 # underscore only allowed
        nit_
```

```
Out[8]: 20
```

python identifier we are completed

```
In [ ]:
```