

Working with python numbers and String

Aman Deep

In [5]: 1 6

Out[5]: 6

In [6]: 1 -5

Out[6]: -5

In [7]: 1 5+6

Out[7]: 11

In [9]: 1 5+6-7*3-7

Out[9]: -17

In [10]: 1 5+6-7*(3-7)

Out[10]: 39

In [11]: 1 _ # Underscore Stores the Previous Value

Out[11]: 39

In [12]: 1 _+3

Out[12]: 42

In [13]: 1 _+3

Out[13]: 45

In [14]: 1 _=4 # Here 4 is assigned to _

In [15]: 1 _

Out[15]: 4

In [16]: 1 _-2

Out[16]: 2

```
In [17]: 1 a=3  
          2 b=4
```

```
In [18]: 1 int.__add__(a,b)
```

```
Out[18]: 7
```

```
In [20]: 1 int.__sub__(a,b)
```

```
Out[20]: -1
```

```
In [21]: 1 int.__mul__(a,b)
```

```
Out[21]: 12
```

```
In [22]: 1 a='Aman'  
          2 b='Deep'
```

```
In [25]: 1 int.__add__(a,b)
```

```
-----  
TypeError                                     Traceback (most recent call last)  
<ipython-input-25-bdc43f10e6f5> in <module>  
----> 1 int.__add__(a,b)
```

```
TypeError: descriptor '__add__' requires a 'int' object but received a 'str'
```

```
In [26]: 1 str.__add__(a,b)
```

```
Out[26]: 'AmanDeep'
```

```
In [27]: 1 # Work With text
```

```
In [28]: 1 amandeep
```

```
-----  
NameError                                     Traceback (most recent call last)  
<ipython-input-28-992f9eefeb27> in <module>  
----> 1 amandeep
```

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

```
In [29]: 1 'Aman'
```

```
Out[29]: 'Aman'
```

```
In [30]: 1 "Aman"
```

```
Out[30]: 'Aman'
```

```
In [31]: 1 '''Aman'''
```

```
Out[31]: 'Aman'
```

```
In [32]: 1 'Aman  
2 Deep'
```

```
File "<ipython-input-32-79fccf8ba31d>", line 1  
  'Aman'
```

```
SyntaxError: EOL while scanning string literal
```

```
In [33]: 1 "Aman  
2 Deep"
```

```
File "<ipython-input-33-4a639ed5dbb2>", line 1  
  "Aman"
```

```
SyntaxError: EOL while scanning string literal
```

```
In [34]: 1 '''Aman  
2 Deep'''
```

```
Out[34]: 'Aman \nDeep'
```

Basic String Completed

```
In [ ]: 1
```