

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 amandeeep
```

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

NameError: name 'amandeeep' 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
```