

In [2]: $1+1$

Out[2]: 2

In [1]: $9+9$

Out[1]: 18

In [3]: $7-8$

Out[3]: -1

In [4]: $56*3$

Out[4]: 168

In [5]: $67/7$

Out[5]: 9.571428571428571

In [6]: $15/3$ *#Float Division*

Out[6]: 5.0

In [32]: $15//3$ *#Int Division*

Out[32]: 5

In [7]: $15/3$

Out[7]: 5.0

In [8]: $3**2$

Out[8]: 9

In [9]: $4**3$

Out[9]: 64

In [10]: *_ #Previous Output*

Out[10]: 64

In [11]: $_{-}+10$

Out[11]: 74

In [12]: $3+6*4-2-1$

Out[12]: 25

In [13]: `3+6*4-(2-1)`

Out[13]: 26

In [20]: `import math`
`math.pi`

Out[20]: 3.141592653589793

In [21]: `math.ceil(9.4)`

Out[21]: 10

In [22]: `math.floor(9.4)`

Out[22]: 9

In [33]: `Welcome To Nit`

```
File "/tmp/ipython-input-33-3686163566.py", line 1
  Welcome To Nit
    ^
SyntaxError: invalid syntax
```

In [23]: `'welcome To Nit'`

Out[23]: 'welcome To Nit'

In [26]: `"Hello"`

Out[26]: 'Hello'

In [28]: `''' How Are You'''`

Out[28]: ' How Are You'

In [29]: `"Welcome To`
`Nit"`

```
File "/tmp/ipython-input-29-2617967524.py", line 1
  "Welcome To
    ^
SyntaxError: unterminated string literal (detected at line 1)
```

In [30]: `'welcome To`
`Nit'`

```
File "/tmp/ipython-input-30-4053644977.py", line 1
  'welcome To
    ^
SyntaxError: unterminated string literal (detected at line 1)
```

```
In [31]: '''welcome To  
         Nit'''
```

```
Out[31]: 'welcome To \nNit'
```

```
In [36]: S= 'Hello'  
         S
```

```
Out[36]: 'Hello'
```

```
In [37]: S[1] #Hello-01234
```

```
Out[37]: 'e'
```

```
In [38]: S[0]
```

```
Out[38]: 'H'
```

```
In [43]: S[3&4]
```

```
Out[43]: 'H'
```

```
In [42]: S[10]
```

```
-----  
IndexError                                Traceback (most recent call last)  
/tmp/ipython-input-42-2802656458.py in <cell line: 0>()  
----> 1 S[10]  
  
IndexError: string index out of range
```

```
In [ ]:
```