

```
In [3]: import sys
        sys.version
```

Out[3]: '3.12.7 | packaged by Anaconda, Inc. | (main, Oct 4 2024, 13:17:27) [MSC v.1929 64 bit (AMD64)]'

8:30 AM IST - BASIC PYTHON PROGRAMMING

Work with Numbers

```
In [3]: 2+3
```

Out[3]: 5

```
In [5]: 2
```

Out[5]: 2

```
In [9]: 3-2
```

Out[9]: 1

```
In [1]: 5*2
```

Out[1]: 10

```
In [3]: 3**2
```

Out[3]: 9

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

Out[5]: 2.0

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

Out[7]: 2

Work With STRING

```
In [11]: 'Thank You Universe'
```

Out[11]: 'Thank You Universe'

```
In [17]: "Thank You Universe"
```

Out[17]: 'Thank You Universe'

```
In [19]: '''Thank You Universe'''
```

Out[19]: 'Thank You Universe'

Variable = Object

```
In [27]: v=5 # v=variable, 5 =value
        v
```

Out[27]: 5

```
In [29]: type(v)
```

Out[29]: int

```
In [31]: v1=5
```

```
In [33]: v1
```

Out[33]: 5

```
In [41]: v1='nit'
        v1 #Calling V1
```

Out[41]: 'nit'

```
In [45]: v1='nit'
        v2 #test to check how system responds
```

NameError

Traceback (most recent call last)

Cell In[45], line 2

1 v1='nit'

----> 2 v2

NameError: name 'v2' is not defined

```
In [47]: v1="Thank you Kodi sir, Python seems Easy!!"
        v1
```

Out[47]: 'Thank you Kodi sir, Python seems Easy!!'

In []: