Basic Python Code

```
In [1]:  1+1
```

```
Out[1]:  2
```

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

```
Out[2]:  4
```

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

```
Out[3]:  4
```

```
In [4]:  4**2
```

```
Out[4]:  16
```

```
In [5]:  4**3 # power 4^3
```

```
Out[5]:  64
```

```
In [6]:  10/5 # float division
```

```
Out[6]:  2.0
```

```
In [7]:  10//5 # int division
```

```
Out[7]:  2
```

```
In [8]:  10%5 # give remainder
```

```
Out[8]:  0
```

```
In [9]:  10+5*(3//6) # BODMAS
```

```
Out[9]:  10
```

```
In [10]:  10+5*3//6
```

```
Out[10]:  12
```

Variable

```
In [11]:  v = 7
          v
```

Out[11]: 7

In [12]:
```python
a1 = 10
```

In [13]:
```python
a1
```

Out[13]: 10

In [14]:
```python
a_ = 55
```

In [15]:
```python
a_
```

Out[15]: 55

In [16]:
```python
age = 25
```

In [17]:
```python
print(age)
```

25

In [18]:
```python
name = 'alice'
name
```

Out[18]: 'alice'

In [19]:
```python
price = 99.9
price
```

Out[19]: 99.9

In [20]:
```python
is_active = True
is_active
```

Out[20]: True

In [21]:
```python
x = 10
x
```

Out[21]: 10

In [22]:
```python
a1
a_
```

Out[22]: 55

In [23]:
```python
print(a1)
print(a_)
```

10
55

In [24]:
```python
result = a1+a_
result
```

Out[24]: 65

In [25]:
```python
nit = 50
nit
```

Out[25]: 50

In [26]:
```python
first_nm = 'Rohit'
last_nm = 'Sharma'

full_nm = first_nm + " " + last_nm
full_nm
```

Out[26]: 'Rohit Sharma'

In [ ]:
```python
length = 10
width = 5

area = length*widt
```