In [1]:
```python
5 % 2
```

Out[1]: 1

In [2]:
```python
print ("Hello World !!!")
```

Hello World !!!

In [3]:
```python
print ("Jay Narayan !!!")
```

Jay Narayan !!!

In [4]:
```python
1+1
```

Out[4]: 2

In [7]:
```python
1*3
```

Out[7]: 3

Type *Markdown* and LaTeX: α^2

In [9]:
```python
1/2 #Division
```

Out[9]: 0.5

In [11]:
```python
2 ** 4 #Exponent
```

Out[11]: 16

In [1]:
```python
4 % 2 #modulus operator
```

Out[1]: 0

In [13]:
```python
(2+3) * (5+5)
```

Out[13]: 50

In [8]:
```python
name_of_varia=6
```

In [15]:
```python
name_of_varia
```

Out[15]: 6

In [16]:
```python
signofvariable=8
```

In [17]:
```python
signofvariable
```

Out[17]: 8

In [18]:
```python
x=2
y=3
```

In [19]:
```python
z=x+y
```

In [21]:
```python
z=2+3
```

In [22]:
```python
z
```

Out[22]: 5

In [23]:
```python
'single quotes'
```

Out[23]: 'single quotes'

In [24]:
```python
"'double quotes"
```

Out[24]: "'double quotes"

In [25]:
```python
"wrap lot's of other quotes"
```

Out[25]: "wrap lot's of other quotes"

In [26]:
```python
x='hello'
```

In [27]:
```python
x
```

Out[27]: 'hello'

In [28]:
```python
print(x)
```

```
hello
```

In [29]:
```python
num=210101120091
name= 'Jay Narayan'
#My number is 91 and my name is Jay.
print ('My number is ',num,'and my name is',name)
```

```
My number is  210101120091 and my name is Jay Narayan
```

In [2]:
```python
100//7
```

Out[2]: 14

In [3]:
```python
100.0 // 7.5
```

Out[3]: 13.0

In [4]:
```python
100 % 7
```

Out[4]: 2

In [5]:
```python
5**3
```

Out[5]: 125

In [6]:
```python
((2+5)*(17-3))/(4**3)
```

Out[6]: 1.53125

In [13]:
```python
Total_population = 198658
print("Total population",Total_population)
Men_population = 45312
print("Men population",Men_population)
Women_population = 35678
print("Women population",Women_population)
Child_population = Total_population-(Men_population+Women_population)
print("Children population",Child_population)
```

```
Total population 198658
Men population 45312
Women population 35678
Children population 117668
```

In [ ]: