



Single line comment

In [1]:



```
# single line comment  
print("Hello World!")
```

Hello World!

Multi line comment

In [2]:



```
'''  
1st line  
2nd line  
3rd line  
'''  
  
print("Hello World!")
```

Hello World!

Variables

In [3]:



```
a=9  
print(a)
```

9

In [4]:



```
A=2.0  
print(A)
```

2.0

In [5]:



```
z="srk"  
print(z)
```

srk



In [6]:

```
1a=50
```

Cell In[6], line 1

```
1a=50  
^
```

SyntaxError: invalid decimal literal

In [7]:

```
if = 5
```

Cell In[7], line 1

```
if = 5  
^
```

SyntaxError: invalid syntax

Many Values to Multiple Variables

- Python allows you to assign values to multiple variables in one line
- **Note:** Make sure the number of variables matches the number of values, or else you will get an error.

In [8]:

```
a,b,c = 10,20,30  
print(a,b,c)
```

10 20 30

One Value to Multiple Variables

- And you can assign the same value to multiple variables in one line

In [9]:

```
a = b = c = 10  
print(a,b,c)
```

10 10 10

- **id()** -- to check the address of the value or a variable



In [10]:

```
a=20  
id(a)
```

Out[10]:

140704896882056

In python, the latest value will stored in a variable

In [11]:

```
a = "siva"  
print(a)
```

siva

In [12]:

```
a=10  
print(a)
```

10

Deleting Variable

- Syntax to delete single variable
- **del variable_name**

In [13]:

```
a,b=10,20  
del a
```

- Syntax to delete multiple variables at a time
- **del variable1, variable2,....variable n**

In [15]:

```
a,b,c=10,20,30  
del a,b
```