5th Nov

In [5]:
```
i = 500
type(i)
```

Out[5]:
```
int
```

In [ ]:
```
-> Value without Decimals (int)
```

In [7]:
```
j = 20.0
type(j)
```

Out[7]:
```
float
```

In [ ]:
```
-> Value with decimals (float)
```

In [9]:
```
k = 3e1
k
```

Out[9]:
```
30.0
```

In [11]:
```
l = 3e5
l
```

Out[11]:
```
300000.0
```

In [13]:
```
m = 2.4e3
m
```

Out[13]:
```
2400.0
```

string

In [17]:
```
st = "bikash"
st
type(st)
```

Out[17]:
```
str
```

In [19]:
```
s1 = 'bikash'
s1
```

Out[19]:
```
'bikash'
```

In [21]:
```
s2 = "Bikash
hash"
s2
```

```
  Cell In[21], line 1
    s2 = "Bikash
         ^
SyntaxError: unterminated string literal (detected at line 1)
```

In [23]:
```
s3 = '''bikash
biaksh'''
s3
```

Out[23]:
```
'bikash \nbiaksh'
```

''' is used for multiline comments

In [27]:
```
import keyword
keyword.kwlist
```

Out[27]:
```
['False',
 'None',
 'True',
 'and',
 'as',
 'assert',
 'async',
 'await',
 'break',
 'class',
 'continue',
 'def',
 'del',
 'elif',
 'else',
 'except',
 'finally',
 'for',
 'from',
 'global',
 'if',
 'import',
 'in',
 'is',
 'lambda',
 'nonlocal',
 'not',
 'or',
 'pass',
 'raise',
 'return',
 'try',
 'while',
 'with',
 'yield']
```

bool

True or False values

complex

In [36]:
```
a = 2+3j
a
```

Out[36]: (2+3j)

In [38]:
```
type(a)
```

Out[38]: complex

In [42]:
```
a.real
```

Out[42]: 2.0

In [44]:
```
b = 2 + 4j
b
```

Out[44]: (2+4j)

In [46]:
```
a + b
```

Out[46]: (4+7j)

type casting

In [ ]:

In [ ]:

In [ ]:

In [ ]:

In [ ]:

In [ ]: