In [1]:
```
#keyword
```

In [2]:
```
import keyword
keyword.kwlist
```

Out[2]:
```
['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']
```

In [ ]:
```
#type casting
```

In [3]:
```
type()
```

```
---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
Cell In[3], line 1
----> 1 type()

TypeError: type() takes 1 or 3 arguments
```

In [5]:
```
a=10
type(a)
```

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

In [26]:
```
b=2.5
type(a)
```

Out[26]: float

In [29]:
```
c='sweta'
type(c)
```

Out[29]: str

In [30]:
```
d="hello sweta"
type(d)
```

Out[30]: str

In [ ]:
```
e='''hello friends
good evening to all
hope u all are doing goo
```

In [6]:
```
id(a)
```

Out[6]: 140731466298568

In [7]:
```
x=4+5j
y=5+4j
x+y
```

Out[7]: (9+9j)

In [8]:
```
#print()
```

In [9]:
```
num1=20
num2=50
add=num1+num2
print("The addition of",num1 ,"and",num2 ,"is",add)
```

```
The addition of 20 and 50 is 70
```

In [10]:
```
d_age=20
s_age=30
total=d_age+s_age
print("The total age of both d and s is",total)
```

```
The total age of both d and s is 50
```

In [11]:
```
#print.format
```

In [24]:
```
num1=10
num2=50
add=num1+num2
print("The addition of {} and {} is={}".format(num1,num2,add))
```

```
The addition of 10 and 50 is=60
```

In [13]:
```
#end statement
```

In [14]:
```
print("hello world",end='')
print("good morning")
```

```
hello worldgood morning
```

In [15]:
```
print("apple","grapes","pomegranet",sep=',')
```

```
apple,grapes,pomegranet
```

In [16]:
```
print("apple", "grapes","pomegranet",end='\n')
print("i love this")
```

```
apple grapes pomegranet
i love this
```

In [17]:
```
#separator
```

In [18]:
```
print("apple","grapes","pomegranet",sep=',')
```

```
apple,grapes,pomegranet
```

In [19]:
```
#String
```

In [20]:
```
s1="data science"
s2="Nareshi technology"
print(s1+s2)
```

```
data scienceNareshi technology
```

In [21]:
```
s1="data science"
s2="Nareshi technology"
print(s1,s2)
```

```
data science Nareshi technology
```

In [22]:
```
s1="data science"
s2="Nareshi technology"
print(s1+s2)
```

```
data scienceNareshi technology
```

In [23]:
```
s1="data science"
s2="Nareshi technology"
s1
```

Out[23]:
```
'data science'
```

In [ ]:

In [ ]:

In [ ]: