DATATYPE

In [1]:
```
#import the keyword and how manny keyword is present in python
import keyword
print(keyword.kwlist)
print(len(keyword.kwlist))
```

```
['False', 'None', 'True', 'and', 'as', 'assert', 'async', 'await', 'break',
'class', 'continue', 'def', 'del', 'elif', 'else', 'except', 'finally', 'fo
r', 'from', 'global', 'if', 'import', 'in', 'is', 'lambda', 'nonlocal', 'no
t', 'or', 'pass', 'raise', 'return', 'try', 'while', 'with', 'yield']
35
```

In [4]:
```
#find out the value
x=10+10*3
print(x)

```

```
40
```

In [6]:
```
#Tell the output
name="dipu"
age=21
bnk_balance=299877.09
isMarried=False
print(name)
print(age)
print(bnk_balance)
print(type(isMarried))
```

```
dipu
21
299877.09
<class 'bool'>
```

In [7]:
```
#Tell the output
name="chinmay"
age=55
bank_balance=55
print(id(name))
print(id(age))
print(id(bank_balance))
```

```
3077070450672
140736219093480
140736219093480
```

In [8]:
```
#Tell the output
k=100
print(k)
del k
print(t)

```

```
100

---------------------------------------------------------------------------
NameError                                 Traceback (most recent call last)
Cell In[8], line 4
      2 print(k)
      3 del k
----> 4 print(t)

NameError: name 't' is not defined
```

In [9]:
```
#Tell the output
m=23
print(m)
l=m
print(l)
print(id(l))
print(id(m))
```

```
23
23
140736219092456
140736219092456
```

In [10]:
```
#Tell the output
a=1
b=True
print(id(a))
print(id(b))
```

```
140736219091752
140736217623072
```

In [11]:
```
#Tell the output
a=1
b=True
print(a==b) #check value
```

```
True
```

In [12]:
```
#Tell the output
a=1
b=True
print(a is b) #check address
```

```
False
```

In [13]:
```
#Tell the output
x=10+34j
y=10+34j
print(x==y)
print(x is y)
print(id(x))
print(id(y))

```

```
True
False
3077086880240
3077086880688
```

In [14]:
```
#Tell the output
x=1
y=True
x=x*y
print(id(x))
print(id(y))
print(id(x))
```

```
140736219091752
140736217623072
140736219091752
```