In [3]:
```python
p=20
q=20
r=q
print(p)
print(type(p))
print(hex(id(p)))
```

```
20
<class 'int'>
0x7ff88a3f3c18
```

In [7]:
```python
print(type(q))
```

```
<class 'int'>
```

In [9]:
```python
p=30
p=p-40
p
```

Out[9]: -10

variable assignment

In [16]:
```python
intvar=10
floatvar=20.5
strvar='python'
print(intvar)
print(floatvar)
print(strvar)
```

```
10
20.5
python
```

multiple assignments

In [21]:
```python
intvar,floatvar,strvar=10,20.5,'language'
print(intvar)
print(floatvar)
strvar
```

```
10
20.5
```

Out[21]: 'language'

In [23]:
```python
p1=p2=p3=p4=55
p1
p2
p3
p4
```

Out[23]: 55

In [25]:
```python
print(p1,p2,p3,p4)
```

55 55 55 55

In [31]:
```python
val1=10
print(val1)
print(type(val1))
print(val1,isinstance(val1,int))
```

10
<class 'int'>
10 True

In [33]:
```python
print(sys.getsizeOf(val1))
```

NameError   Traceback (most recent call last)
Cell In[33], line 1
----> 1 print(sys.getsizeOf(val1))

NameError: name 'sys' is not defined

In [35]:
```python
import sys
sys.version
```

Out[35]: '3.12.4 | packaged by Anaconda, Inc. | (main, Jun 18 2024, 15:03:56) [MSC v.1929 6
4 bit (AMD64)]'

In [37]:
```python
import sys
print(sys.getsizeof(val1))
```

28

In [43]:
```python
val2=10+2j
print(val1)
print(type(val2))
print(sys.getsizeof(val2))
print(val2,isinstance(val2,complex))
```

10
<class 'complex'>
32
(10+2j) True

In [ ]: