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Arthematic Operations

Tenary operators

In [4]:

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

In [5]:

```
x=30 if a<b else 40
```

In [6]:

```
print(x)
```

30

In [8]:

```
a=int(input("enter first number:"))  
b=int(input("enter second number:"))  
min=a if a<b else b  
print("minimum value:", min)
```

```
enter first number:11  
enter second number:22  
minimum value: 11
```

program for minimum 3 numbers

In [10]:

```
a=int(input("enter first number"))  
b=int(input("enter second number"))  
c=int(input("enter third number"))  
min=a if a<b and a<c else b if b<c else c  
print("minimum value:",min)
```

```
enter first number22  
enter second number33  
enter third number44  
minimum value: 22
```

In [11]:

```
a=10  
b=10  
print(a is b)
```

True

In [12]:

```
x=True  
y=True  
print(x is y)
```

True

special operators

In [13]:

```
a=10  
b=10  
print(a is b)
```

True

In [14]:

```
x=True  
y=True  
print(x is y)
```

True

In [15]:

```
a="durga"  
b="durga"  
print(id(a))  
print(id(b))  
print(a is b)
```

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True

Membership operators

In [16]:

```
x="hello learning python is very easy!"
```

In [17]:

```
print('h'in x)
```

True

In [18]:

```
print('d' in x)
```

False

In [19]:

```
print('d' not in x)
```

True

In [20]:

```
print('python' in x)
```

True

Operator Precedence

In [21]:

```
print(3+10*2)
```

23

In [22]:

```
print(22/3+4*3)
```

19.333333333333332