```
In [2]:  num1=int(input("a="))
         num2=int(input("b="))
         print("addition=",num1+num2)
         print("subraction=",num1-num2)
         print("multiplication=",num1*num2)
         print("dividen=",num1/num2)
```

```
a=60
b=3
addition= 63
subraction= 57
multiplication= 180
dividen= 20.0
```

Exponential

```
In [3]:  num1=int(input("a="))
         num2=int(input("b="))
         print(num1**num2)
```

```
a=2
b=3
8
```

Floor division

```
In [4]:  num1=int(input("a="))
         num2=int(input("b="))
         print(num1//num2)
```

```
a=31
b=6
5
```

NOT Equl

```
In [10]:  num1=int(input("a="))
          num2=int(input("b="))
          print(num1!=num2)
```

```
a=765
b=876
True
```

Equal

In [19]:
```python
num1=int(input("a="))
num2=int(input("b="))
print(num1==num2)
```

```
a=34
b=5
False
```

In [20]:
```python
num1=int(input("a="))
num2=int(input("b="))
print(num1==num2)
```

```
a=34
b=34
True
```

Equal operator using string

In [21]:
```python
A=str(input("str1:"))
B=str(input("str2:"))
print(A==B)
```

```
str1:HOPE AI
str2:HOPE AI
True
```

GREATERTHAN AND LESSTHAN

In [14]:
```python
A=int(input("a="))
B=int(input("b="))
print("a is greater than b:True")
print("a is lesser thanb:False")
```

```
a=45
b=32
a is greater than b:True
a is lesser thanb:False
```

In [16]:
```python
A=int(input("a="))
B=int(input("b="))
print("a is greater than b:",A>B)
print("a is lesser thanb:",A<B)
```

```
a=45
b=32
a is greater than b: True
a is lesser thanb: False
```

Greaterthan or equal to lesserthan or equal to

```
In [17]: A=int(input("a="))
         B=int(input("b="))
         print("a is greater than or equal to b:",A>=B)
         print("a is lesser than or equal to b:",A<=B)
```

```
a=76
b=66
a is greater than or equal to b: True
a is lesser than or equal to b: False
```

In [ ]: