In [1]:

```python
print("Hello world")
```

Hello world

In [2]:

```python
print("-your name-")
```

-your name-

In [3]:

```python
print("welcome to HOPE Artificial intelligence")
```

welcome to HOPE Artificial intelligence

In [4]:

```python
print("Name:your name")
print("age:your age")
```

Name:your name
age:your age

In [5]:

```python
num1=80
num2=23
add=num1+num2
print(num1)
print(num2)
print("add=",add)
```

80
23
add= 103

In [6]:

```python
a=322
b=234
print("a=",a)
print("b=",b)
```

a= 322
b= 234

In [7]:

```python
a=60
b=3
addition=a+b
subtraction=a-b
multiplication=a*b
dividen=a/b
print("a=60")
print("b=3")
print("addition=",addition)
print("subtraction=",subtraction)
print("multiplication=",multiplication)
print("dividen=",dividen)
```

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

Exponential

In [1]:

```python
a=2
b=3
ans=a*b+a
print("a=2")
print("b=3")
print(ans)
```

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

Floor division

In [3]:

```python
a=31
b=6
c=30
ans=c/b
print("a=31")
print("b=6")
print(ans)
```

```
a=31
b=6
5.0
```

Equal

In [7]:

```python
a=input("34")
b=input("5")
if(b>=a):
    print("false")
```

```
34
5
false
```

In [10]:

```python
a=input("56")
b=input("56")
if(a==b):
    print("true")
```

```
56
56
true
```

Equal operator using string

In [11]:

```python
welcome1=input("HPE AI")
welcome2=input("HOPE AI")
if(welcome1==welcome2):
    print("true")
```

```
HPE AI
HOPE AI
true
```

Not equal

In [16]:

```python
a=input("765")
b=input("876")
if(a!=b):
    print("false")
else:
    print("true")
```

```
765
876
true
```

Greaterthan And lessthan

In [21]:

```python
a=input("45")
b=input("32")
if(a<b):
    print("b is lesserthan b:,false")
else:
    print("a is greaterthan b:,true")
if(b>a):
    print("b is greaterthan b:,true")
else:
    print("a is lesserthan b:,false")
```

```
45
32
a is greaterthan b:,true
a is lesserthan b:,false
```

greaterthan or equal to lessthan or equal to

In [24]:

```python
a=input("76")
b=input("66")
if(a<=b):
    print("a is greaterthan or equal to b:,true")
else:
    print("b is lesserthan or equal to b:,false" )
if(b>=a):
    print("a is lesserthan or equal to b:,false")
else:
    print("b is greaterthan or equal to b:,true" )
```

```
76
66
a is greaterthan or equal to b:,true
a is lesserthan or equal to b:,false
```