

```
In [1]: print("Hello world")
```

Hello world

```
In [10]: print("Arithmetic Operations")    #This is a comment line

a=int(input("Enter a value for a:"))
b=int(input("Enter a value for b:"))

print("Sum is ",a+b)
print("Subtraction is ",a-b)
print("Multiplication is ",a*b)
print("Division is ",a/b)
print("Modulus is ",a%b)
print("Floor division is ",a//b)
```

Arithmetic Operations

Sum is 20

Subtraction is 10

Multiplication is 75

Division is 3.0

Modulus is 0

Floor division is 3

```
In [3]: print("Concatanation Operation")
x=input("Enter a word:")
y=input("Enter another word:")
print(x+y)
```

Concatanation Operation

Hello World

```
In [4]: print("Comparison Operations")
p=int(input("Enter a number:"))
q=int(input("Enter another number:"))
print(p==q)
print(p!=q)
print(p>q)
print(p>=q)
print(p<q)
print(p<=q)
```

Comparison Operations

False

True

True

True

False

False

```
In [9]: print("Shortcut Operations")
a=int(input("Enter a value:"))
b=int(input("Enter another number:"))
a+=b
print(a)
a-=b
print(a)
a*=b
print(a)
a/=b
```

```
a, -b  
print(a)  
a%=b  
print(a)  
a//=b  
print(a)
```

Shortcut Operations

50

40

400

40.0

0.0

0.0

In []: