

5 different ways to swap two numbers in Python

By Applied Python

1. Using temp variable

```
a = 5
b = 10

temp = a
a = b
b = temp

print("a =",a)
print("b =",b)
```

2. Using tuple packing/unpacking

```
a = 5
b = 10

a,b = b,a

print("a =",a)
print("b =",b)
```

3. Using Arithmetic Operator

```
a = 5
b = 10

a = a + b
b = a - b
a = a - b

print("a =",a)
print("b =",b)
```

4. Using Arithmetic Operator(+-)

```
a = 5
b = 10

a = a * b
b = a // b
a = a // b

print("a =",a)
print("b =",b)
```

5. Using Bitwise Operator(^)

```
a = 5
b = 10

a = a ^ b
b = a ^ b
a = a ^ b

print("a =",a)
print("b =",b)
```