

Assignment - 5 Operators

1. Write a python script to remove the last digit from a given number. (for example, if user enters 2534 then your output should be 253)

```
x=int(input("Enter a number:"))  
y=x//10  
print("Number without last digit is;",y)
```

Output:-

Enter a number:2435

Number without last digit is; 243

2. Write a python script to get the last digit from a given number. (for example, if user enters 2089 then your output should be 9)

```
x=int(input("Enter a number:"))  
y=x%10  
print("Last digit is:",y)
```

Output:-

Enter a number:2453

Last digit is: 3

3. Write a python script to swap data of two variables.

```
x=10  
y=20  
print("Numbers before swapping are:\na=%d\nb=%d"%(x,y))  
z=y  
y=x  
x=z  
print("Values after swapping:\na=%d\nb=%d"%(x,y))
```

Output:-

Numbers before swapping are:

```
a=10
```

```
b=20
```

Values after swapping:

```
a=20
```

```
b=10
```

4. Write a python script to find x power y, where values of x and y are given by user.

```
x=int(input("Enter a number:"))  
y=int(input("Enter power of the number:"))  
z=x**y  
print(z)
```

Output:-

```
Enter a number:5
```

```
Enter power of the number:2
```

```
25
```

5. Write a python script which takes a three digit number from the user and displays only its first digit.

```
x=int(input("Enter a three digit number:"))  
y=x//100  
print("Now, digit is:",y)
```

Output:-

```
Enter a three digit number:456
```

```
Now, digit is: 4
```

6. Write a python script which takes a three digit number from the user and displays only its middle digit.

```
x=int(input("Enter a three digit number:"))  
y=x//10%10
```

```
print("Now, digit is:",y)
```

Output:-

Enter a three digit number:456

Now, digit is: 5

7. Write a python script which takes a three digit number from the user and displays only its last digit.

```
x=int(input("Enter a three digit number:"))
```

```
y=x%10
```

```
print("Now, digit is:",y)
```

Output:-

Enter a three digit number:456

Now, digit is: 6

8. Write a python script to use IN operator to display the data present in the list.

```
list=[10,20,30,40,50]
```

```
print(50 in list)
```

Output:-

True

9. Write a python script to use NOT IN operator to display the data not present in list.

```
list=[10,20,30,40,50]
```

```
print(70 not in list)
```

Output:-

True

10. Write a python script to use IS operator to display if both variables are the same object or not?

```
x=10
```

```
y=10
```

```
print(x is y)
```

Output:-

True