



Special operators:

Python defines the following 2 special operators

1. Identity Operators
2. Membership operators

1. Identity Operators

We can use identity operators for address comparison.

2 identity operators are available

1. is
2. is not

r1 is r2 returns True if both r1 and r2 are pointing to the same object

r1 is not r2 returns True if both r1 and r2 are not pointing to the same object

Eg:

```
1) a=10
2) b=10
3) print(a is b)    True
4) x=True
5) y=True
6) print(x is y)    True
```

Eg:

```
1) a="durga"
2) b="durga"
3) print(id(a))
4) print(id(b))
5) print(a is b)
```

Eg:

```
1) list1=["one","two","three"]
2) list2=["one","two","three"]
3) print(id(list1))
4) print(id(list2))
5) print(list1 is list2) False
6) print(list1 is not list2) True
7) print(list1 == list2) True
```