```
In [1]: 2==2
```

Out[1]: True

```
In [2]: 2==3
```

Out[2]: False

```
In [3]: 2!=2
```

Out[3]: False

```
In [4]: 2!=3
```

Out[4]: True

```
In [5]: 2<>3
```

Out[5]: True

```
In [6]: 2>3
```

Out[6]: False

```
In [7]: 2<3
```

Out[7]: True

```
In [8]: 2>=2
```

Out[8]: True

```
In [9]: 2>=3
```

Out[9]: False

```
In [10]: 2<=2
```

Out[10]: True

```
In [11]: 2<=3
```

Out[11]: True

```
In [12]: 1<2<3
```

Out[12]: True

```
In [13]: 1<3>2
```

Out[13]: True

In [14]: `1<2 and 2<3`

Out[14]: True

In [15]: `1<3 and 3>2`

Out[15]: True

In [16]: `1==2 and 2<3`

Out[16]: False

In [17]: `1==2 or 2<3`

Out[17]: True