

```
11:for(;;)
{
12:for(;;)
{
13:for(;;)
{ break 11;
break 13;
break;
break 12;
}
}
}
```

```
for (int i=0;i<3; i++)
{
for (int j=0;j<3 ;j++ )
{
if(i==j)
break;
System.out.println(i+" .... " + j);
}
}
```

1	0
2	0
2	1

i = 0(Outer loop) :0<3(true)	i = 1(Outer loop): 1<3(true)	i=2(Outer loop): 2<3(true)	i=3(Outer loop) :3<3(false)

j = 0(Inner loop) :0<3(true)	j=0(Inner loop): 0<3(true)	j=0(Inner loop): 0<3(true)	
0==0(true)	1==0 (false)	2==0(false)	
	1==1 (true)	2==1(false)	
		2==2(true)	

```
11: for (int i=0;i<3; i++)
{
for (int j=0;j<3 ;j++ )
{
if(i==j)
break 11;
System.out.println(i+" .... " + j);
}
}
```

```
for (int i=0;i<3; i++)
{
for (int j=0;j<3 ;j++ )
{
if(i==j)
continue;
System.out.println(i+" .... " + j);
}
}
```

0....1	1...0	2...0
0....2	1...2	2...1

i = 0 (Outer loop) :0<3(true)	i = 1(Outer loop) :1<3(true)	i = 2(Outer loop) : 2<3(true)

j = 0(Inner loop) :0<3(true)	j = 0(Inner loop) :0<3(true)	j = 0(Inner loop) : 0<3(true)
0==0(true)	1==0(false)	2==0(false)
0==1(false) 1<3(true)	1==1(true)	2==1(false)
0==2(false) 2<3 (true)	1==2(false) :3<3(false)	2==2(true) : 3<3(false)
3<3(false)		

```
11: for (int i=0;i<3; i++)
{
for (int j=0;j<3 ;j++ )
{
if(i==j)
continue 11;
System.out.println(i+" .... " + j);
}
}
```

1....0	2....0	2....1
--------	--------	--------

i=0(Outerloop) :0<3(true)	i=1(Outerloop) :1<3(true)	i=2(Outerloop) : 2<3(true)	i=3(Outerloop): 3<3(false)

j=0(Innerloop) :0<3(true)	j=0(Innerloop) :0<3(true)	j=0(Innerloop) : 0<3(true)	
0==0	1==0(false)	2==0(false)	
	1==1(true)	2==1(false)	
		2==2(true)	

```
int x= 0;
do
{
x=x+1;
System.out.println(x);
if((x==x+1) < 5)
continue;
x=x+1;
System.out.println(x);
}while (++x<10);
```

x = 0	x = 3 : 3<10(true)	x = 7 : 7<10(true)
x = 1	x = 4	x = 8
x = 2 : 2<5(true)	x = 5 : 5<5(false)	x= 9 :9<5(false)
	x = 6	x= 10
		x = 11: 11<10(false)

```
int x = 10;
int y = ++x;
```

x = 10 11	.
y = 11	Pre-increment

```
int x = 10;
int y = x++;
```

x = 10 11	.
y = 10	Post-increment