

```
int count...  
int i  
for(int i = count;
```

```
for(; cond; )
```

?:

(condition)? (true value); (false value);

$x = x < 0 ? -x : x ;$

Output1
2
3
4

1 2 3 4

Trace

iteration	x	y
1	1	0
2	3	1
3	6	3
4	10	5

```

int x = 0;
int y = 0;
int count = 1;
while (count <= 4) {
    x += count;
    y = x / 2;
    count++;
}

```

```
int value = 0;
for(int i = 0; i < 5; i++) {
    if(i % 2 == 0)
        value = -i;
    else
        value = i;
}
```

it	i	value
	0	0
1	1	1
2	2	-2
3	3	3
4	4	-4
5	5	
6		