

REPEATING with **COUNTER**



```
while (Boolean Exp.) {  
    Statements;  
}
```

```
int i=4;  
while (i>0){  
    i=i-1;  
}
```

i	i>0
4	
4	true
3	true
2	true
1	true
0	false

```
int i=0;  
while (i<4){  
    i=i+1;  
}
```

i	i<4
0	
0	true
1	true
2	true
3	true
4	false

```
int i=0;  
while (i<4){  
    i=i+2;  
}
```

i	i<4
0	
0	true
2	true
4	false

```
int n=0;
int i=0;
while (i<4){
    n=n+2;
    i=i+1;
}
```

i	i<4	n
0		0
0	true	2
1	true	4
2	true	6
3	true	8
4	false	

```
int n=1;
int i=0;
while (i<4){
    n=n*2;
    i=i+1;
}
```

i	i<4	n
0		1
0	true	2
1	true	4
2	true	8
3	true	16
4	false	

```
int n=1;  
int i=0;  
while (i<4) {  
    n=n*2;  
    i=i+1;  
}
```

```
int n=1;  
for (int i=0;  
     i<4;  
     i=i+1) {  
    n=n*2;  
}
```

```
int n=1;  
for (int i=0;  
     i<4;  
     i=i+1) {  
    n=n*2;  
}
```