



WHILE-LOOP TRACE

Counting up from 1 to 5

```
let number = 1;  
while(number <= 5) {
```

```
    console.log(number);  
    number++;
```

```
}
```

Value of
number

number \leq 5

Loop Output

Value of number

number ≤ 5

Loop Output

I	TRUE	I
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Value of number	number \leq 5	Loop Output
1	TRUE	1

2

TRUE

2

Value of number	number <= 5	Loop Output
1	TRUE	1
2	TRUE	2

3

TRUE

3

Value of number	number <= 5	Loop Output
1	TRUE	1
2	TRUE	2
3	TRUE	3

4

TRUE

4

Value of number	number <= 5	Loop Output
1	TRUE	1
2	TRUE	2
3	TRUE	3
4	TRUE	4

5

TRUE

5

Value of number	number <= 5	Loop Output
1	TRUE	1
2	TRUE	2
3	TRUE	3
4	TRUE	4
5	TRUE	5

6

FALSE

STOP!

Value of number	number <= 5	Loop Output
1	TRUE	1
2	TRUE	2
3	TRUE	3
4	TRUE	4
5	TRUE	5
6	FALSE	STOP!

DOWNHILL