

# While loop.

---

a While loop is a struction, in which we can continue to execute a code, until a specific condition is met.

```
#include<stdio.h>
#include<stdlib.h>

int main(){
    int index = 1;
    while(index <= 5){
        printf("%d\n", index);
        index++ ;
    }

    return 0;
}
```

```
*1
2
3
4
5
```

Process returned 0 (0x0) execution time : 0.035 s

Press any key to continue.

\*

the condition is written inside the paranthesis of the `while() {}` ,. Which in this case, states, "as long as the value of the variable, `index` is less than 5, keep executing the code, that's written in the curly brackets."

FYI, `index++`, is same as `index = 1 + index`.