

While Loops

A loop that will continue to execute until its condition is no longer true. We use this when we may not be sure how many executions are required.

Example uses

1. Create a while loop, which will execute until a variable, **number**, is less 30.

```
int number = 3;

while (number < 30) {
    System.out.println("Number is: " + number);
    number++;
}
```

2. Create a while loop, which will execute until a variable, **number**, is less 30 and a boolean value, **boo**, is false.

```
int number = 3;
boolean boo = false;

while (number < 30 && !boo) {
    System.out.println("Number is: " + number);
    number++;
}
```