while

[Control Structure]

Description

A while loop will loop continuously, and infinitely, until the expression inside the parenthesis, () becomes false. Something must change the tested variable, or the while loop will never exit. This could be in your code, such as an incremented variable, or an external condition, such as testing a sensor.

Syntax

while (condition) {

// statement(s)

}

Parameters

condition: a boolean expression that evaluates to true or false.

Example Code

var = 0;

while (var < 200) {

// do something repetitive 200 times

var++;

}