**Lesson 3: Repetition Control Structure**

While

A **while** loop statement in C# repeatedly executes a target statement as long as a given condition is true.

Syntax

The syntax of a **while** loop in C# is:

```
while(condition)

{

  statement(s);

}
```

Here, **statement(s)** may be a single statement or a block of statements. The **condition** may be any expression, and true is any non-zero value. The loop iterates while the condition is true.

When the condition becomes false, program control passes to the line immediately following the loop.