

## Lesson 2: Decision Control Structure

### If-else

An **if** statement can be followed by an optional **else** statement, which executes when the boolean expression is false.

The syntax of an **if...else** statement in C# is:

```
if(boolean_expression)
{
    /* statement(s) will execute if the boolean expression is true */
}
else
{
    /* statement(s) will execute if the boolean expression is false */
}
```

If the boolean expression evaluates to **true**, then the **if block** of code is executed, otherwise **else block** of code is executed.