Else Statement

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Synopsis

Statement that can be attached to an If statement.

Why

Allows the coder to run alternate code when the test condition in an if statement is not met. Instead of a coder writing two if statements to test whether the condition is true or not, the coder can just use an if else statement.
E.G.

```
1  var test = true;
2
3  if (test == true) {
4
5    // If test is true...
6    // Do this
7
8  } // End of If Statement
9
10 if (test == false) {
11
12   // If test is false
13   // Do this
14
15 } // End of If Statement
16
17 // Instead, a coder can write the following
18 // which will achieve the same result
```

```
19  // with less code
20
21  if (test == true) {
22
23    // If test is true
24    // Do this
25
26  } else {
27
28    // If false
29    // Do this
30
31  } // End of If Else Statement
```

Syntax

Else statement must have an If statement attached to it. It does not take
any conditions to test because the attached if statement does that job. If
the if statement conditions are not met then the else statement is executed
instead. Else statement is block level code so it uses curly braces.

Advanced

Examples

```
1
2   var bored = true;
3
4   if (bored == true) {
5
6     console.log("Watch Firefly");
7
8   } else {
9
10    console.log("Don't watch Firefly");
11    // Bad example because I would still watch Firefly
12
13  } // End of If Else Statement
```

Further Reading

MDN - If Else

w3schools - If Else

Tutorials Points - If Else