

Else If Statement

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December 30, 2016

Synopsis

Else If statement allows a code to test multiple conditions.

Why

We have see what the If statement and the Else statement can do. They do a great job of testing conditions that are binary in natural.

Like, a person is of legal drinking age or not, a person is either male or female, 5 is equal to 5 or not, and so on.

The If and Else statement are great for those types of conditions that if one is true then the other is false and vica versa. But sometimes are condition is not binary but poly(many).

The traffic light is green, yellow, or red.

A person can take a left, right, straight, or turn around.

Syntax

Else if has to have an If statement attach to it.

It is block level code and very similar to the if statement. After the first if statement, a coder will write “Else If” and a condition to test

Advanced

A coder can use as many “Else If” statement as needed but if there is many condition to test, I would suggest implement another coding technique called a switch statement

Examples

```
1
2 // ----- Example 1 -----
3
4 var traffic_light = "yellow";
5
6 if (traffic_light == "grean") {
7
8     console.log("Go");
9
10 } else if (traffic_light == "yellow") {
11
12     console.log("Speed up to make the light or stop");
13
14 } else if (traffic_light == "red") {
15
16     console.log("Please stop! Think of the Children");
17
18 } // End of the If Else If Statement
19
20
21 // ----- Example 2 -----
22
23 // Notice you can change this statement like this
24
25 var traffic_light = "yellow";
26
27 if (traffic_light == "grean") {
28
29     console.log("Go");
30
31 } else if (traffic_light == "yellow") {
32
33     console.log("Speed up to make the light or stop");
34
35 } else {
```

```

36
37     console.log("Please stop! Think of the Children");
38
39 } // End of the If Else If Statement
40
41 // Both of example 1 and 2 will do the same,
42 // If the light is not green or yellow it has to be red
43
44 // ----- Example 3 -----
45
46 var user_pick = 3;
47
48 if (user_pick == 1) {
49     console.log("User picks 1");
50 } else if (user_pick == 2) {
51     console.log("User picks 2");
52 } else if (user_pick == 3) {
53     console.log("User picks 3");
54 } else if (user_pick == 4) {
55     console.log("User picks 4");
56 } else {
57     console.log("User picks 5");
58 }
59
60
61
62
63
64
65
66
67
68

```