

If Then Structure

```
if (condition) {  
    // Code in block will execute only if  
    // condition is true  
  
    // block can contain 1 or many statements  
  
}
```

If with an Else block

```
if (condition) {  
    // Code in block will execute only if  
    // condition is true  
} else {  
  
    // Code in block will execute only if  
    // condition is false  
  
}
```

If with an Else if and Else block

```
if (firstCondition) {  
    // Code in block will execute only if  
    // firstCondition is true  
  
} else if (secondCondition) {  
  
    // Code in block will execute if firstCondition is false  
    // and secondCondition is true
```

THERE IS NO LIMIT TO THE NUMBER OF CONDITIONS THAT CAN BE TESTED

```
} else {  
  
    // Code in block will execute if  
    // all conditions above are false
```

THE ELSE BLOCK MUST BE LAST BUT IS OPTIONAL

```
}
```