

# If Then Structure

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

# If with an Else block

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```
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

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```
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**

```
}
```