



JavaScript: If/else-if/else

Definitions

if:

Executes a block of code if a boolean condition is **true**.

else if:

evaluates a new boolean condition when the previous if-statement is **false**

else:

executes a code block when all previous conditions are **false**

How Many?

```
if (boolean) {  
    // code  
}
```

```
if (boolean) {  
    // code  
}  
else {  
    // code  
}
```

```
if (boolean) {  
    // code  
}  
else if (boolean) {  
    // code  
}  
else if (boolean) {  
    // code  
}  
else if (boolean) {  
    // code  
}  
else if (boolean) {  
    // code  
}  
else {  
    // code  
}
```

Example:

```
var num = 2;           console:
if(num >= 8) {         banana
  console.log("apple");
}
else{
  console.log("banana");
}
```

Example with all three

```
var num = 7;           console:  
if(num > 8){           second  
    console.log("first");  
}  
else if(num > 5){  
    console.log("second");  
}  
else {  
    console.log("third");  
}
```

Note! Through this structure, only one code block will be executed.

Example with all three

```
var num = 10;           console:
if(num > 8){            first
  console.log("first");
}
else if(num > 5){
  console.log("second");
}
else {
  console.log("third");
}
```

Note! Through this structure, only one code block will be executed.

Example:

```
var num = 12;           console:  
if(num >= 8){          apple  
    console.log("apple"); banana  
}  
  
console.log("banana");
```