

Conditional Statements

- ▶ if

```
if (condition) {  
  // block executed if condition is true  
}
```

- ▶ if-else

```
if (condition) {  
  // block executed if condition is true  
}  
else {  
  // block executed if condition is false  
}
```

- ▶ In some cases, the curly braces are not needed, but you should use them for clarity
- ▶ Because the curly braces define a block, variables defined inside one of these blocks are local to the block

Conditional Statements

- ▶ There can be as many intermediate else if comparisons as needed
- ▶ if-else if ... else

```
if (condition1) {  
    // block executed if condition1 is true  
}  
else if (condition2) {  
    // block executed if condition2 is true  
}  
else {  
    // block executed if condition1 is false  
    // and condition2 is false  
}
```