



Advanced Conditionals



Complex Boolean Situations

- Decision points aren't always simple
 - What if you need to check for two conditions?
 - What if one condition depends upon the value of another?

Nested If Statements

- It is possible to “nest” statements
 - Put one statement inside another – different from part of the same block

```
if (boolean-expression){  
    statements;  
    if (new-boolean){  
        statements to execute if both true;  
    }  
}
```


Please, please, please...

- Careful planning is key to making sure you get the desired results



What about else statements?

- An else statement always matches the most recent open if statement
- Indentation has nothing to do with it



Example

- JS – nested if with Name
- JS – Inefficient Code



Review

- It is possible to create complex flow-of-control in a program
- Understanding this code is crucial, writing it yourself....not so much

Acknowledgements/Contributions

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