

Switch Cases

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Before We Begin

- Make sure you have Java & Java JDK downloaded on your computer
 - can run **java -version** in terminal to check
- Make sure you have IntelliJ downloaded on your computer
- *Suggested:* Watch previous Java tutorials

What is a Switch Statement?

A switch statement is a chunk of code that chooses between outcomes using a simplified kind of many tests. It is like another form of a nested if/else statement. They should be used whenever you would do a nested if/else with a bunch of equality checks.

Code for Switch Statement

```
switch (variable) {  
    case value1:  
        // Statement A  
        break;  
    case value2:  
        // Statement B  
        break;  
    default:  
        // Statement C  
}  
  
// Statement D
```

Missing Breaks

If your switch statements doesn't have a break for each case the case will "fall through" and multiple case statements' will be executed. This behavior is not normally what you would want to happen.

Switch Statement Example

A method that takes in a single letter grade and returns the grade range it covers as a String.

Assume grades can only be between 0 and 100

- ex: "A" would return "90 - 100"

The End