

## Week 7 Comments

Very good looking code!

Great indentation!

Consistent indentation will make your code easier to read and understand, and helps to find errors before they become a problem.

Good commenting and documentation of your code!

Good to declare a constant!

Using tabs for formatting is usually not a good idea. The problem is you don't have control over how each user's environment handles tabs. It's always better to format with space characters.

Excellent use of constants.

Be sure to check for valid user input.

You need to check that the string can be converted to a double. If you're calling Double.parseDouble() directly, you should wrap it in a try-catch block and catch NumberFormatException:

```
try {  
    value = Double.parseDouble();  
} catch (NumberFormatException ex) {  
    // handle the error  
}
```

Good looking main() method!

The reason we teach the Scanner class in the course is because it provides a way to check for invalid input that doesn't require exception handling. We'll get to Exception handling in Week 11.

You should check for invalid inputs here. The input 'four' caused your program to crash with an unhandled error.