

Exercise: Average Calculator

Below is the `AverageCalculator` class that we discussed when learning about writing classes in Topic 8. This class can be used to sum numbers and calculate an average of those numbers.

```
public class AverageCalculator {  
    private double sum;  
    private int count;  
    public void add(double n) {  
        sum += n;  
        count++;  
    }  
    public double get() {  
        return sum/count;  
    }  
    public int getCount() {  
        return count;  
    }  
}
```

Using what you've learned about the `Scanner` class, write a program that will:

- create a new instance of the `AverageCalculator` class
- repeatedly prompt the user to enter real numbers
- add each number the user enters to the `AverageCalculator` object
- when the user enters an invalid value, output to the console the average of the numbers the user entered