1. Revel Chapter 5 Exercise 2
2. Use a while loop to write a program that calculates an average. The user will enter -1 to stop.
3. (Mathematics) In number theory, a perfect number is defined as some positive integer whose value is the sum of its positive divisors.
   1. i.e 6 = 1 \* 2 \* 3 (You can always assume 1 is a divisor for this case). Since 1 +2 + 3 = 6 then we say 6 is a perfect number
   2. Write a Java program to display the first 4 perfect numbers. For help look at the primenumber.java file from your lab. Similar concepts are being used.
   3. Hint: The biggest thing that can divide some number is (we are using INTEGER DIVISION here). We need to check that number.
   4. Hint 2: If you keep a running sum of the divisors what happens when the loop finishes?
   5. The first four perfect numbers are: 6,28,496,8128. If you’re curious google the 5th . It is big
   6. I want you to properly declare constants.