Exercise 3

This is an extension of Exercise 2 in which students are asked to write a main program that reads the input consisting of the a sequence of numbers (each number is in a separate line) that ends with the string "end" to indicate that the input is finished. The strings containing the numbers should be put in a list and the function validate of Exercise 2 should be used to produce a [Bool] indicating whether the numbers are or are not valid credit card numbers. The [Bool] must be printed our (using the print operations).

Students should turn in 2 files: Main.hs and Validate.hs, where the second is that of Exercise 2 and the first contains the main program doing the i/o and the validation actions described before.

Note: students should look in the books on Haskell available on the web (for instance, Real world Haskell) for information about i/o.