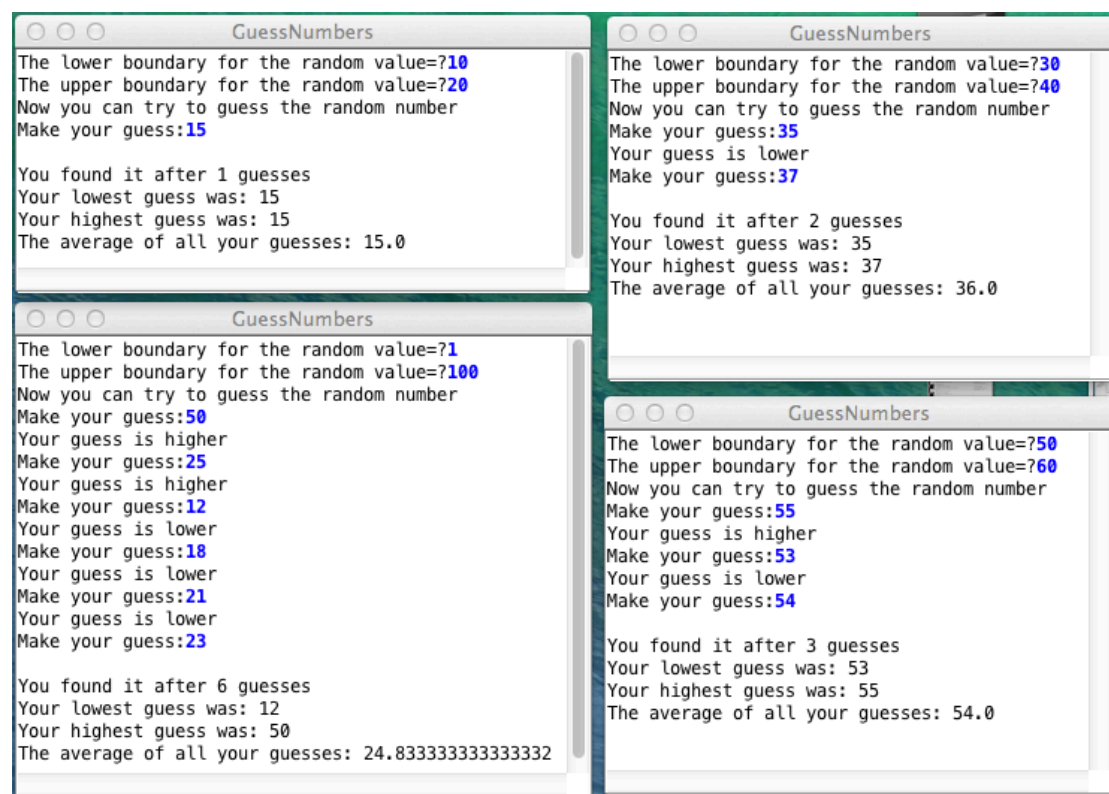


GuessNumbers

Write a program that:

- asks for user input to specify a lower and an upper boundary for picking a random integer
- picks a random integer in the specified range
- asks user to guess the random value
- prints for each guess if the it is higher or lower than the randomly picked value
- when the user makes a guess that matches the random value, prints the following information:
 - o the number of guesses made to find the value
 - o the minimum of all guesses
 - o the maximum of all guesses
 - o the average of all guesses

Your program should provide an output like the following examples:



Hints:

- i) You can use the Math library or implement your own methods for finding maximum and minimum of two given values.
- ii) You can use readInt to ask integer input from the user.
- iii) You can use rgen.nextInt to pick an integer randomly