Define a positive integer as superodd if every digit is odd (when written in decimal). Define a positive integer as duplex if (when written in decimal) it has even length and the first half of the number is the same as the second.

Create a function isSuperOdd that takes as input a number and returns true if the number is superodd and false otherwise.

Create a function isDuplex that takes as input a number and returns true if the number is duplex and false otherwise.

Create a script functionDriver that prompts the user for a count, then prints out the first that many superodd numbers (making use of your function) and the sum of their reciprocals. And then does the same with the duplex numbers.

Submit three files.

Sample run:

```
>> functionDriver
how many you want? 12
1,3,5,7,9,11,13,15,17,19,31,33,
sum recip is 2.195817
11,22,33,44,55,66,77,88,99,1010,1111,1212,
sum recip is 0.259894
```