Fall 2020

Computer Science 1001
Lab Problem #4
Due Oct 16th (11:59pm NL time)

- Your solution to this lab problem should be uploaded to the **Lab Problem 4** dropbox on the course Brightspace shell.
- Name your file `palindromic_prime.py`.
- The dropbox for this lab problem will close at 11:59pm NL time on October 16th. Late submissions will not be accepted.

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1. A number is a palindromic prime if it is a prime number as well as a palindromic number (ie. it is the same number when the digits are reversed). For example, `10301` is a palindromic prime. Write a Python program to ask the user how many palindromic primes they would like to compute, and output the values with a maximum of 10 values per line. Your program should include the following functions:

   ```
   isPrime(number) - returns True or False
   isPalindrome(number) - returns True or False
   reverse(number) - returns number reversed
   ```

   Sample input/output:

   ```
   How many palindromic primes should be computed?: 25
       2     3     5     7    11   101   131   151   181   191
     313   353   373   383   727   757   787   797   919   929
   10301 10501 10601 11311 11411
   ```