Orasi Monthly Code Challenge

Gold League

October 2013
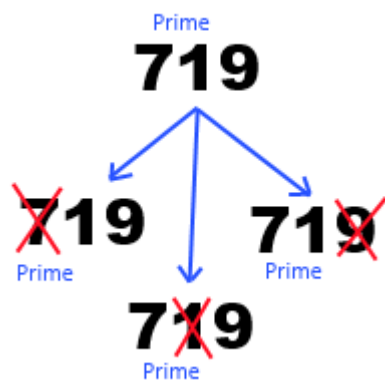
Challenge Submitted by:

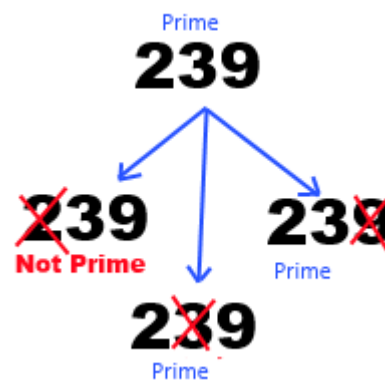Matt Watson

Challenge Due Date:

10/31/13

October 2013 Orasi Code Challenge - Gold

Challenge Description

Reducible prime numbers are a subset of prime numbers that have the additional property that the removal of any single digit leaves a prime number.   An example of a reducible prime is the number 719. By systematically removing the 7, 1, and 9 we are left with the numbers 19, 79, and 71 which are all prime. The Gold League Orasi Code Challenge for October 2013 is to find the first reducible prime greater than a given number.

Reducible Prime

Non-Reducible Prim

Submission Requirements:

Your submission must be in the form of a VBScript function that can run inside QTP. The function should accept one argument (a number) and return the first reducible prime greater than that number. The function name should be your name. Helper functions are allowed, but they must be named with either your name or initials to insure there are no namespace conflicts. The function must comply with Orasi Coding Standards. You will be allowed 2 minute of execution to accomplish this task. Any function taking over 2 minutes will be disqualified. If your function can not complete with in 2 minutes it should return a meaningful error message. **You are responsible for your own time keeping to insure the function does not exceed 2 minutes.**

Winning Solution:

*********** Future Home of the winning solution ***********