CSCE 155 - Lab 04 - Loops - Worksheet

Names: _____

1. Run your sine program and compute the following values.
   (a) $x = 3.1415, n = 1$

   -5.167256

   (b) $x = 3.1415, n = 7$

   -0.014292

   (c) $x = 1.5707, n = 1$

   -0.645845

   (d) $x = 1.5707, n = 5$

   -0.000004

   (e) $x = 0, n = 10$

   0

2. Try to compute a sine value using a "large" value for n, say $n = 100$. What value do you get? Why do you think that is?

   #INF00, the number is so big the computer can't store the data / print it out w/o taking up tons of lines

3. Play the guessing game at least 3 times to ensure that your program works. What is your best score (that is, least number of guesses)?

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4. Demonstrate your primes program to a lab instructor, have them sign this worksheet and turn it in.

Lab Instructor Signature_____