CSCE 155 – Lab: Loops

Worksheet – Java Version

Name ___________________________________________

1. Use your sine program to compute the following values:
   a. \( x = 3.1415, n = 1 \)

   b. \( x = 3.1415, n = 7 \)

   c. \( x = 1.5707, n = 1 \)

   d. \( x = 1.5707, n = 5 \)

   e. \( x = 0, n = 10 \)

2. Try to compute a valid for a “large” value of \( n \), say \( n = 100 \). What value do you get? Why do you think that is?

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

4. Demonstrate your working programs to a lab instructor and have them sign this worksheet.

Lab Instructor Signature___________________________________________