

# CSCE 155 – Lab: Loops

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## *Worksheet – C 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 \_\_\_\_\_