CSI 32 LECTURE NOTES (Ojakian)

Topic 4: For Loops

OUTLINE
PRIMER: 1.4, 6.8
TRANSITION GUIDE: 5.4

1. For Loops

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1. <u>Standard For Loops with 3 parts</u>

   (a) Initital Value

   (b) Continuation Condition

   (c) Update rule

   (d)

   PROBLEM 1. *So While Loop questions from Topic 3 using for loops.*

2. <u>Range-based</u>

   (a) Range over the items in a string or container type. Do the body of the loop for each items in the list (or container)

   (b)

   PROBLEM 2. *Write a program in C++ to take in user input of floats, till 0 is inputed. Then return the mean and the standard deviation.*