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Introduction to Programming

Professor George

INSY - 2403

Week 5 Assignment

## Student Grade Pseudocode

DEFINE MAX of 100

DEFINE Array to a size MAX

ASK for the Number of Numbers that the user wants to input

VALIDATE the input is between 1 and 100

IF input is validated

USING a LOOP (1 – N)

ASK User to enter the 1st through Nth Number

PLACE each number in Array

PRINT Unsorted Array

CREATE 2 I, J and a Holder Variable (INT = 0)

LOOP through the ARRAY

i is the first Variable, j is the second.

COMPARE Variables

IF i is smaller than j

Do nothing

Else

Switch the spots of i and j

(Holder = i , j = i , j = holder…..Bubble Sort)

PRINT sorted Array to the screen.