LOOPING PROBLEM WORKSHEET

(indicate if the input is the LCV if it isn't does it go in or out of the loop)

INPUT: gradeLetter (LCV)

(indicate if the output goes in the loop or out of the loop)

OUTPUT: gpa (out of loop)
grade Pts (out of loop)

PROCESSING

IN LOOP: classCount += 1
gradeNum += 1

OUT OF LOOP: gpa = float(gradePts)/classCount

INITIALIZATIONS: classCount = 0
gradNum = 1

FOR LOOP:

How many times will it run? [ ]

WHILE LOOP:

LCV: gradeLetter

Sentinel Value: 'X'

Condition: gradeLetter != 'X'

BASIC FORMATS

Loops processing user input

INITIALIZATIONS

FOR count = 1 to *X*
    INPUT
    PROCESSING (IN LOOP)
    OUTPUT (IN LOOP)
END FOR

PROCESSING (OUT OF LOOP)
OUTPUT (OUT OF LOOP)

INITIALIZATIONS

INPUT LCV
WHILE *Condition*
    PROCESSING (IN LOOP)
    OUTPUT (IN LOOP)
    INPUT LCV
END WHILE

PROCESSING (OUT OF LOOP)
OUTPUT (OUT OF LOOP)