

## Lab #3

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Due: Fri, 25 Feb 2005

Write an MC68000 assembly language program which will read in a set of 16-bit integers and determine a set statistics. The final input value will be followed by a zero value which should NOT be included as part of the input. The statistics your program should compute are:

Number of input	values	(NDat)
Number of odd	values	(NOdd)
Number of negative	values	(NNeg)
The maximum input	value	(Max )
Number of occurances	of Max	(NMax)

Store your final answers in memory with the identifiers indicated in parentheses.

Note: You are to use one or more subroutines in your solution. You should use standard linkage conventions as discussed in class.