RYERSON UNIVERSITY
DEPARTMENT OF COMPUTER SCIENCE
CPS310 – COMPUTER ORGANIZATION II
Winter 2013
Lab #4

Sorting and Functions

[4 Marks]

Write the following M68000 programs:

1- A program that sorts a numerical file in order of ascending. Use a sorting algorithm of your own choosing. You need to create your own input file that includes only positive integers.

2- Extend the program in part 1 such the sorting is performed by calling a function named "sort".

Preparation:

Submit a Hand-Written copy and a flow chart of part *a* of your program to your TA during the first 10 minutes of the lab. Fill and attach the cover letter that follows this document to your prep.

Demonstration:

During the lab: run the program and provide answers to TAs' questions about your program.

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First Name: _____ Last Name: _____

Student #: _____

Section #: _____ Lab Room #: _____

Signature: _____ Date: _____