IC221 Lab: Makefiles and Debugging Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Worksheet / Gradesheet AY22S, 95 points total

Part 1 Gradesheet

(15) Task 1 -- Simple compilation makefile:

(30) Task 2 -- Multi-part makefile:

Part 2 Worksheet / Gradesheet

(10) A loop is often identified with an increment of a variable value by one (0x1) using the add instruction. There are two loops in the program. Identify an example of this kind of increment-by-one instruction in each loop, and copy the examples into your worksheet.

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(10) Give one example of an assembly instruction from main() that assigns a local variable its value using the mov instruction, which copies a value to memory.

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info locals

(10) What are the local variable names?

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(10) Now that s1 is not obfuscated, what is its secret value?

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(10) Looking at the source code, describe the means by which the string is obfuscated:

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