**COMP 122L Intro to Assembly Programming Fall 2023**

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**Lab #: 4** LAB FORM

Requirements 

Input

1. “Hello World!”(assemble)
2. Your name in GUI

Process

1. Copy “Hello World!” into heap using:
2. Loop
3. Sub
4. Input your name in GUI box
5. Print “Hello <your name> in GUI bix

Output

1. “Hello World!” in heap
2. “Hello <your name> in GUI

Inputs

*paste here screenshots of all inputs (not code): .data segment & GUI/console*

A screenshot of a computer

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Outputs (note: you must execute the code to get outputs)

*paste here screenshots of all outputs (not code): console/GUI, .data, .heap, registers*

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Process (algorithms): *source code*

*(paste original syntax colored view here; include line numbers – make legible)*

A screenshot of a computer

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Debugging/Testing (if any issues)