**LAB REPORT NO 02**

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**Computer organization and Architecture (CSE 304L)**

**Fall 2024**

**Submitted By: Naveed Ahmad**

**Registration No: 22PWCSE2165**

**Section: B**

Date: 02/12/2024

**Submitted To:**

**Dr. Ammad Khalil**

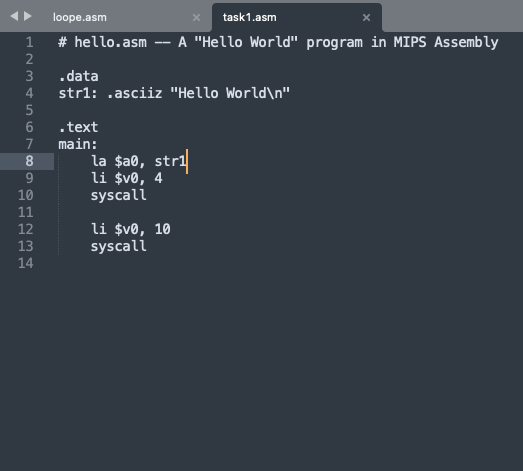
**Department of Computer Systems Engineering**

**University of Engineering and Technology**

**TAKS 1:**

Printing string using asciiz.

**CODE PIC:**

****

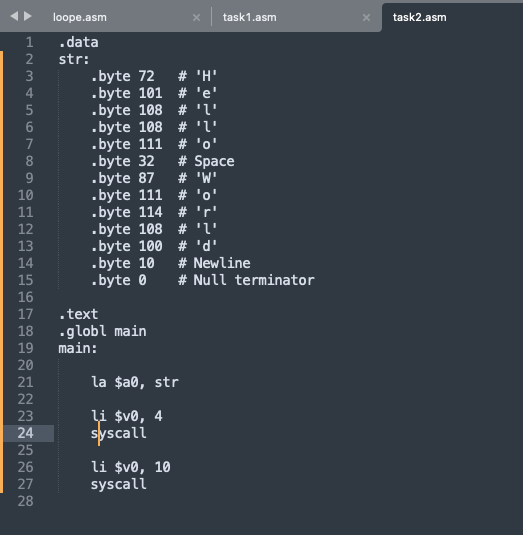
**OUTPUT PIC:**

****

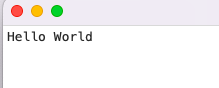
**TAKS 2:**

Printing Hello World using .byte hexadecimal.

**CODE PIC:**

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**OUTPUT PIC:**

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**TASK 3:**

Conditional Execution: the larger Program.

**CODE PIC:**

**A screenshot of a computer program

Description automatically generated**

**OUTPUT PIC:**

**A black text on a white background

Description automatically generated**

**TASK 4:**

Looping: the *multiples* Program.

**CODE PIC:**

**A screenshot of a computer program

Description automatically generated**

**OUTPUT PIC:**

**A close up of a number

Description automatically generated**

