

# MICROPROC & INTERFACING EEE F241 ECE F241 INSTR F241

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## Evaluated lab-3 (Monday Batch)

Write an 8086 ASM subroutine which detects whether a string is a palindrome or not (Eg: MALAYALAM). The maximum size of the string is 32 bytes. You can assume string is composed of only capital letter alphabets and numbers. Explain how the arguments are passed and how the subroutine works in comments.

Your main program should first print the message

**Enter the string:**

Once the user enters the string, in the next line it should print

**This is a plindrome**

or

**This is not a palindrome**

depending on the string entered. The main program should call the subroutine to findout whether the string is palindrome or not.

## Submission status

Submission status	Submitted for grading
Grading status	Not graded
Due date	Monday, 1 April 2024, 12:45 PM
Time remaining	43 mins 35 secs
Last modified	Monday, 1 April 2024, 11:51 AM
File submissions	<a href="#">- ⚙ pal.asm</a>
Submission comments	<a href="#">+ Comments (0)</a>

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