

CSE341: Microprocessors
Lab Quiz - 3, Fall 2025
Total Marks: 5
Time: 25+ 5 minutes

Question 01

A sports analyst has the scores of different players stored in an array. Now, the analyst wants to know which player scored the lowest points. Write an assembly code to find the position of the player who scored the Lowest points.

Consider the scores and player names will be given as an array.

Sample Array

Scores = [92, 70, 88, 45, 65, 92, 81]

Players = [James, John, Robert, Michael, William, David, Richard] ; represent it as [J, O, R, M, W, D, I]

Sample Output

The player with the Lowest score is M.

Question 02

The program asks the user for the length of a string and a string and then it **prints** whether the **String (Consists of alphabets) is palindrome or not using STACK**. The program will ignore the cases (upper/lower) of alphabets.

You can use an array to store the string.

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| Sample input 1 Length = 5 String = maDAm Sample Output 1 Palindrome. | Sample input 2 Length = 7 String = teaCheR Sample Output 2 Not palindrome. | Sample input 3 Length = 4 String = abba Sample Output 3 Palindrome. |
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| Submission Form | https://forms.gle/JdQtbVc5L9wz4mDaA |
| Lab Template | w Assembly Template.docx |
| Naming Format | LQ4_05_StudentID |