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LAB WORK 1

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Objectives:

- Understanding Time Complexity with "n" Dimensional Array with "m" Elements

Question 1.A: Write a program to assign number of "m" elements into one dimensional array and display the array. Then find complexity and show elapsed time during operation in the output.

Question 1.B: Change the "m" value and do the same processes again. Then find complexity and show elapsed time during operation in the output.

Question 2.A: Write a program to assign number of "m" elements into two-dimensional array and display the array. Then find complexity and show elapsed time during operation in the output.

Question 2.B: Change the "m" value and do the same processes again. Then find complexity and show elapsed time during operation in the output.

Question 3.A: Write a program to assign a number of "m" elements into three-dimensional array and display the array. Then find complexity and show elapsed time during operation in the output.

Question 3.B: Change the "m" value and do the same processes again. Then find complexity and show elapsed time during operation in the output.