



# Computer Application (MATLAB)

تطبيقات الحاسبة (ماتلاب)  
2025-2024

## Lecture 7 Lab

by  
Dr Murtada Dohan  
[murtada.dohan@uomus.edu.iq](mailto:murtada.dohan@uomus.edu.iq)





# Group C1



- Write a loop that finds the square of the even numbers between 5 and 10.





## Group C2



- Write a loop that finds the sum of numbers between 1 and 10.





## Group A



- Write a loop that apply the following equation to all numbers between 5 and 10.

$$\text{output} = \text{input}^2 + 4 * 2$$





## Group B



- Write a loop to calculate the sum of all even numbers between 1 and 10, as well as numbers divisible by 5 within the same range.





## Group E



- Write a loop to calculate the sum of all even numbers between 1 and 10, as well as numbers divisible by 5 within the same range.





## Group F

- Write a loop that print the factors of 125





## Group D



- Write a loop to calculate the sum of all odd numbers between 3 and 25, as well as numbers divisible by 4 within the same range.

