

# Lec1

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# Agenda

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- Intro
- Syntax
- Browser messages
- Variables and variable syntax
- Data types
- Arithmetic , comparison , logical , and assignment operators
- If
- Switch
- For loop
- While loop
- Do while



# Problem1

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- Ask the user to enter three numbers using prompt, Determine and display which number is the largest

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## Problem2

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- Ask the user to enter number using prompt,  
Implement a program that converts a numeric month into its corresponding name using a switch statement.



## Problem3

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- Ask the user to enter number using prompt, checks if a given number is even or odd. Display the result in the console.



## Problem4

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- Ask the user to enter number using prompt,  
Write a program that calculates the factorial of a given number



# Problem5

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- Ask the user to enter two numbers and the operation type using prompt,

Build a simple calculator that can perform addition, subtraction, multiplication, and division operations based on user input.



## Problem6

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- Write a script that takes from the user n values and returns their sum, stop receiving values from user when he enters 0 or sum exceeds 100, check that the entered data is numeric and inform the user with the total sum of the entered values.