

# COURSE OUTLINE

# C- Language

## Lecture 1:

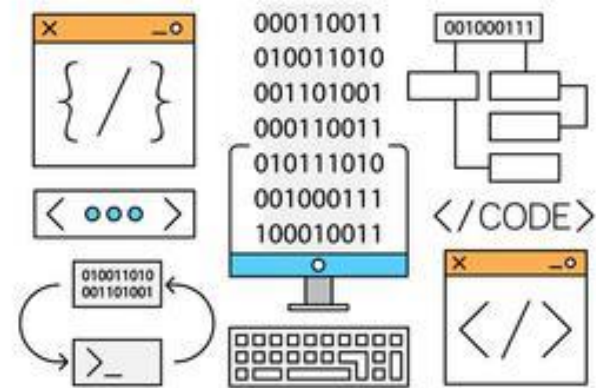
### ❖ Introduction to Programming.

- Introduction to Software Development & Engineering.
- Software Life Cycle(Short Brief).
- Introduction to IDE.

## Lecture 2:

### ❖ Structure of C Language

- Headers & Libraries.
- Variables & Datatypes.
- Built-in Functions.
- Operators.



## Lecture 3:

### ❖ Conditional Operators.

- If , Else if and Else.
- Switch Case Ternary Operators

## Lecture 4:

### ❖ Loops.

- For Loop.
- While Loop.
- Do While Loop.

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## Lecture 5:

### ❖ Arrays.

- 1d Array.
- 2d Array.

## Lecture 6:

### ❖ Functions.

- User Defined Functions.
- Recursion.

## Lecture 7:

### ❖ Structures.

- structures.

## Lecture 8:

### ❖ Pointers.

- Pointer & Address.
- Pointer & Arrays.
- Passing pointer through functions.

## Lecture 9:

### ❖ File Management.

- File Output/Write.
- File Input/Read.
- File Append.

## Quizzes:

