

C Language Tutorial (Basic to Advanced)

Topics to be covered :

- Installation + Setup
- Chapter 1 - Variables, Data types + Input/Output
- Chapter 2 - Instructions & Operators
- Chapter 3 - Conditional Statements
- Chapter 4 - Loop Control Statements
- Chapter 5 - Functions & Recursion
- Chapter 6 - Pointers
- Chapter 7 - Arrays
- Chapter 8 - Strings
- Chapter 9 - Structures
- Chapter 10 - File I/O
- Chapter 11 - Dynamic Memory Allocation

Variables, Data Types + Input/Output (Chapter 1)

1. First Program

```
#include<stdio.h>

int main() {
    printf("Hello World");
    return 0;
}
```

2. Variables & Data Types + Constants & Keywords

```
#include<stdio.h>

int main() {
    int number;
    int age;
    int price;
    return 0;
}
```