

# C and C++ Basics

Updated Study Material

## Course Overview

C and C++ are foundational programming languages used for system software, applications, and performance-critical programs.

## Chapter 1: Introduction to C

C is a procedural programming language known for efficiency and control.

**Example:** `printf("Hello World");`

## Chapter 2: Introduction to C++

C++ supports object-oriented programming with classes and objects.

**Example:** `cout << "Hello World";`

## Chapter 3: Data Types and Variables

Both languages support data types like int, float, char, and double.

## Practice Questions

1. What is the difference between C and C++?
2. Write one example statement in C or C++.