

Unlock Your Potential in Technology:

C

(Beginner)

Course Led By

Kajal Mehta

MCA

20+ Years of Experience

Hello Students and Parents,

Welcome to Kwickprep, your gateway to mastering programming with our Startup India-certified Computer Science education. We're excited to offer beginner-friendly courses in Python, C++, and Java, led by the experienced Kajal Mehta, MCA.

Our flexible schedule fits even the busiest lifestyles, ensuring top-tier coding education is accessible to all. Join us and unlock your potential in the digital world!

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Regards,
Team Kwickprep
www.kwickprep.com

Syllabus of Basics of C Programming Language

1. Introduction to C

- History and Features of C
- Understanding Compilers and IDEs
- Basic Syntax and Structure of a C Program

2. Basics of C Programming

- Data Types and Variables
- Operators
- Control Flow (if-else statements, switch-case, loops)

3. Functions

- Introduction to Functions
- Function Prototypes
- Recursion

4. Pointers and Memory Management

- Understanding Pointers
- Pointer Arithmetic
- Dynamic Memory Allocation (malloc, calloc, free)

5. Arrays and Strings

- Single and Multi-dimensional Arrays
- String Handling Functions

6. Structures and Unions

- Defining and Using Structures
- Nested Structures
- Unions

7. File Handling

- Reading from and Writing to Files
- File Pointers and Modes (r, w, a)
- Handling Binary Files

8. Preprocessor Directives

- Macros and Macro Functions
- File Inclusion
- Conditional Compilation

9. Standard Library Functions

- Input/Output Functions (printf, scanf, gets, puts)
- Math Functions (math.h)
- String Functions (string.h)

10. Error Handling

- Understanding Error Codes
- Using errno, perror, and strerror

Course duration: approx. 20 hours

Voices of Success

Student Love us and Here is what they said:





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KWICKPREP EDUCATION SERVICES LLP

D-1009, TITANIUM CITY CENTRE, PRAHALAD NAGAR ROAD,
AHMEDABAD-380015

www.kwickprep.com

+91 97255 25791