

The Codeville Academy

<http://codeville.org.in/>

Learn C – Programming Language

The C programming language is a general purpose programming language that is used to develop anything and everything that you see around. It includes the smartphone that you have in your hand right now, the laptop or computer on which you play games or surf internet. In short every technology that you see or use in day today life is somehow related to C language.

Through this course of one month you will learn the practical aspect of the C programming language, the way it is implemented, practical usage of C and some of the real world application. Learning C programming language gives you analytical and rational thinking, problem solving approach and an edge over others in this competitive world.

Who am I...?

ARPIT BHAYANI

I am Arpit Bhayani; I have completed my graduation (B. Tech I.T.) from College of Engineering, Pune and my post-graduation (M. Tech C.S.E.) from IIIT-Hyderabad. I have an industry experience in a multi-national company called as Saba Software Pvt. Ltd.

Teaching Experience: C language, data structures and algorithms to a class of **143 students**.

My Interests



Unix Kernel Development



Data Mining



Machine Learning



Android Application Development



Web Application Development

Why C?

ANYTHING AND EVERYTHING C LANGUAGE CAN DO

C language is the fundamental language that is the stepping stone to learn other fundamentals of computer science field like data structures, algorithms, application development, and game development. Following are some of the applications that we can build using C.

1. Operating systems like Windows, Ubuntu, and Macintosh are programmed in C.
2. A robot is programmed in C language.
3. Chrome browser and Firefox browser are developed in C.
4. Games like Counter Strike and FIFA are developed in C (Visual C++).
5. Most of the Google is programmed in C language.



These are very advanced applications of C language. To name some applications that one can build easily in C are:

1. Chat application
2. Basic components of an operating system
3. A 2D game like tic-tac-toe, and many more.



Session information

HOW ARE THEORETICAL AND PRACTICAL SESSIONS DIVIDED?

The course is structured considering the basic need of a student. It will cover everything that comes under C in detail.

Every 2 hour theoretical class will include: (9am to 11am)

1. A theoretical teaching of a fundamental C concept.
2. 3 programs that will make sure you understand the concept well.
3. 15 min in class doubt solving.
4. 5 programs for self-practice.

Practical session:

1. Two hours per week.
2. Personal guidance will be given during practical session.

Timing practical sessions:

1. 8am to 9am or 11am to 12am
2. You have the freedom to choose any day of your convenience (except Sunday)

Extra doubt solving sessions:

1. 8:30am to 9am
2. 11:00 am to 11:30am

Course will cover:

Theoretical concepts: Practical usage of C with demo, Datatypes, Functions, Pointers, Strings, Single and Multi-dimensional arrays, File Handling, Structures, Unions and Bitfields, Sockets and Networking.

192 extensive programs designed to cover all the concepts of C language.

Time and Venue

WHAT WILL BE THE TIME AND VENUE OF THE CLASS?

For your convenience, we are conducting 2 batches:

Batch 1: 6th May to 4th June

Batch 2: 5th June to 4th July

Days: Monday to Saturday

Time: 9am to 11am

Fees:

The fees for 1 week trial is ₹ 500 /- only.

The fees for this course is ₹ 2000/- only.

The course is primarily intended for students of 9th standard and onwards.

Other learning enthusiasts are also welcomed for the course.

Venue:

Arpit B. Bhayani

Ground Floor, Namra Mahavir Institute,

Near Satidham Mandir,

Rallies Plot, Jaistambh Chowk

Amravati, Maharashtra.

Contact Details:

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Kindly call before you visit.