

#### www.hertzsoft.com

# 🖈 About C Programming ★

ogrammin

C is a general-purpose, procedure-oriented and very old but still gold programming language. C plays a vital role in Embedded Systems Programming and Kernal Programming for Operating Systems. C Programming was invented in 1973 by Dennis Ritche but still ranks 2nd in TIOBE Index after Java on Rank 1. C is also considered as a good start for programming skills in many universities and training institutes.

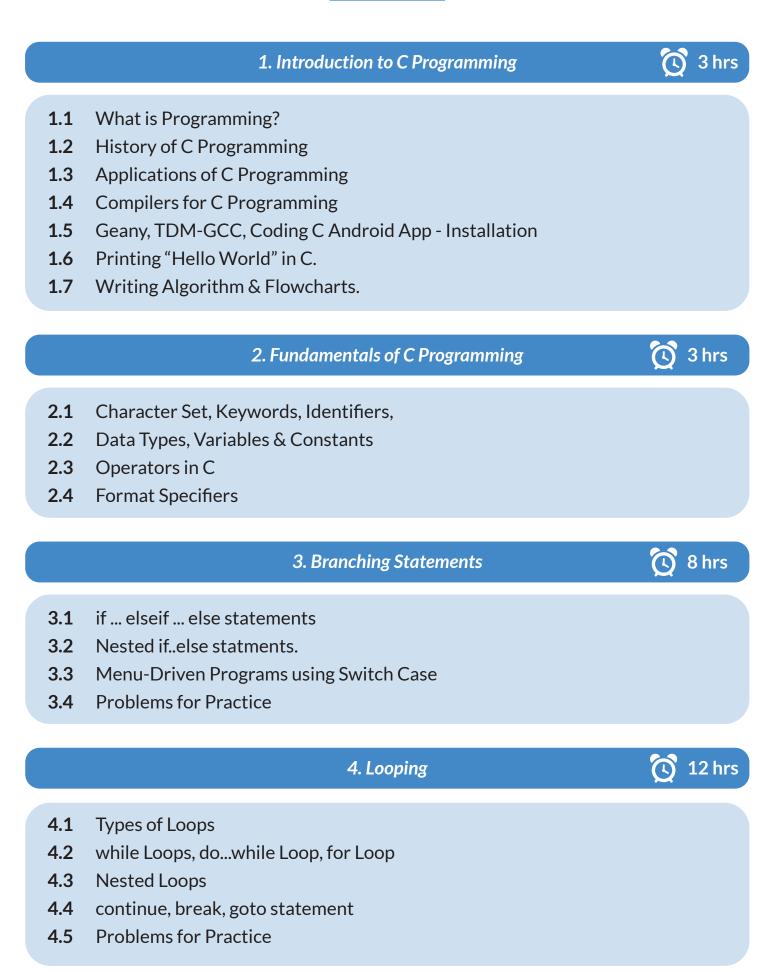
## ★ Whom is this course for? ★

- ✓ Professionals seeking Job in IT Industry. This course helps to get clear idea about ample of programming concepts and makes you confident for Job Interviews.
- ✓ Students seeking any professional course & have C Programming as a part of their syllabus.
- ✓ Any student curious to gain practical knowledge on programming with Hands-on training.



- ✓ Basic Computer Knowledge & Mathematics Knowledge is expected.
- $\checkmark$  No programming or any kind of professional course knowledge is expected.





	5. Functions	🔊 8 hrs
5.1 5.2 5.3 5.4 5.5	Introduction to Function Function Prototyping, Defining a Function Parameterized Function, Return Statements Recursive Functions Problems for Practice	
	6. Array	🕈 8 hrs
<ul><li>6.1</li><li>6.2</li><li>6.3</li><li>6.4</li></ul>	Introduction to Array Array Declaration, Definition, Accessing array elements n-D Arrays Problems for Practice	
	7. String	🔊 3 hrs
7.1 7.2	Strings Storage, String Functions String Array	
	8. Structure & Union	🐧 4 hrs
8.1 8.2	<b>Structure:</b> Declaration, Initialization, Nested Structure, Operation on Structure, Structure Array. <b>Union:</b> Definition, Operations on a union	
		\$
	9. Pointers	3 4 hrs
9.1 9.2 9.3 9.4	What are pointers? Pointer Definition and Declaration Pointer to Pointer Passing Array to Function Pointer Array	

10. File Handling

- 10.1 Types of Files
- 10.2 Opening a File
- 10.3 File Operations Reading, Writing

#### 11. More in C Programming



4 hrs

- **11.1** Storage Classes
- 11.2 Header Files / Writing your own header File
- **11.3** Graphic Designing in C
- **11.4** C for Embedded Systems
- 11.5 C for Kernal Development

### ★ Final Examination ★

- Syllabus: All Modules
- Narks: 100 Marks
- Ninimum Passing Marks: 60
- **Time Limit:** 3 Hours
- Paper Pattern: MCQ's + Problem Statements
- **Type of Exam:** Online

