

## Introduction

This Course is mainly designed for those who are new to any computer programming language and wish to learn how to do programming using C and C++.

Facilitating child or teenager in learning to code will help expand their mind, and provide an essential foundation.

## Duration & Timing

One Month

25 Working Days

1 hr/ Per Day

# CODING FOR KIDS

*Learn C & C++ Programming Language*

## Methodology

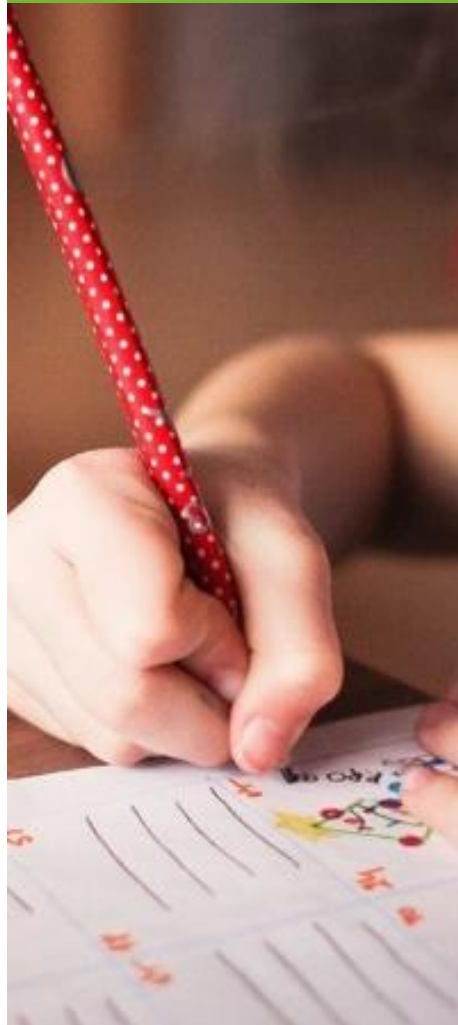
The programme consists of a mix of lectures, presentations demonstrations & hands-on practice.



Training Mode

Online

(Using Zoom & Google Meet)



## WEEK - I

- 1 Overview of C Language
- 2 Keywords & Identifier
- 3 Data Types
- 4 Constant & Variable
- 5 **Weekly Test**

## WEEK - II

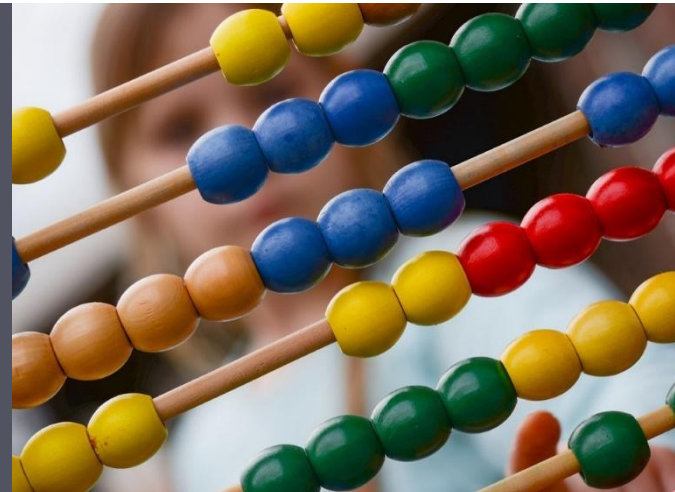
- 6 Operators
- 7 Conditional Statements
- 8 Iterative Statements
- 9 String Handling In C
- 10 **Weekly Test**

**Widely used in building real-time, image processing, mobile sensor applications, and visual effects, modeling which is mainly coded in C and C++.**



## WEEK - III

- 11 Introduction of C++
- 12 Standard Input/output
- 13 Data Types
- 14 Variables
- 15 **Weekly Test**



## WEEK - IV

- 16 Classes & Objects
- 17 Constructor /Destructor
- 18 Scope Resolution
- 19 Friend Function
- 20 **Weekly Test**



## WEEK - V

- 21 Storage Classes In C
- 22 Creating Header File
- 23 Graphics Program
- 24 Use Built in Function
- 25 **Final Assessment**

