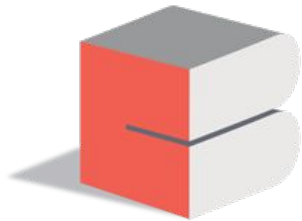


Master Data Structure and Algorithms using C++



**CODING
BLOCKS**

Code Your Way To Success

Who am I ?

— — —

- Abhishek Srivastava
 - Instructor and Product Engineer @ CodingBlocks
 - M.Tech (CSE) from IIIT Delhi
 - Former Research Assistant at NII, Tokyo, Japan.
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General Information

About this course

— — —

- Duration (4-5 months)
 - 35+ Live Sessions at Pitampura on weekends from **10AM* to 1PM***
 - Doubt Session on a weekly basis.
- Doubt Support by a Teaching Assistant (TA) on **Slack**.
- Course Assignment will be published on **Hackerblocks**.

How can you excel this course ?

— — —

- Attend the live sessions regularly.
- Revise the live session at the earliest.
- Make notes**
- Complete your assignments.

Anything else ?

— — —

- Patience
- Motivation
- Hard Work

Tell me about yourself

The Coin Puzzle



There are 8 coins, all except one are of same weight, the odd one is heavier than the rest. You must determine which one is the odd one out using an old fashioned balance such that you can use the balance only twice.

What is Programming ?

Data Structure and Algorithm

What is an algorithm ?

— — —

An algorithm is a **recipe** to solve a problem.

What is an algorithm ?

— — —

It is a set of unambiguous instructions which when executed sequentially transforms the input into output.

How can you express an algorithm ?

— — —

- FlowChart
- PseudoCode
- Programming Language (e.g. using C++)