



# CodeChef Cook-Book 2.0

- **Cook-Book Recipe 0: *Learning to Cook***
  - Ingredient 1: Introduction to Number Theory - Basics to Advance
  - Ingredient 2: Bit Manipulation
  - Ingredient 3: Recursion and Backtracking
- **Cook-Book Recipe 1: *Art Of Optimal Solution: Dynamic Programming***
  - Ingredient 1: Basics + 1D DP
  - Ingredient 2: DP on Grids
  - Ingredient 3: DP on Subset and Subarrays
  - Ingredient 4: Partition DP
  - Ingredient 5: DP with BitMasking
  - **Special Ingredient: Live Doubt session and Advanced Questions**
- **Cook-Book Recipe 2: *Art of Searching: Binary Search***
  - Ingredient 1: Basics of Searching and Binary Search
  - Ingredient 2: Advanced Binary Search Concepts
  - Ingredient 3: More on binary Search
  - **Special Ingredient: Live Doubt session and Advanced Questions**
- **Cook-Book Master Recipe: *A Step Forward***
  - Ingredient 1: String Hashing Algorithms
  - Ingredient 2: Introduction to Segment Trees
  - Ingredient 3: Introduction to Tries
  - **Special Ingredient: Live Doubt session and Advanced Questions**