

# 4 Month Plan

## Topics to cover:

1) Basics of coding to have a revision of topics

→ use blind questions (75) list.

→ 2 per day. Should be done in a month or so.

2) Area-wise practise.

Focus on tricky areas (1 week per topic)

→ Binary search questions

→ ~~Recursion~~ ~~Backtracking~~

→ Hash tables and heaps & priority queue

→ Binary tree & BST

→ Recursion & Backtracking

(2 weeks) → Dynamic programming + linked list

(2 weeks) → Graphs + Advanced algorithms

1 month → random revision of things you found difficult, implementing codes which took you time or were tricky, doing mock interviews ~~daily~~ alternately.

- Apart from 1 hour of coding
  - ↳ Maintain a list of question done as xcl. with <sup>by</sup> color coding their difficulty.
  - ↳ Every ~~to~~ week Just go through those question and try ones which you feel are difficult.
  - ↳ Every month end Code take 5-6 question from (medium & hard) category and do them again, or we can have a mock using those questions every week.
  - ↳ Need on interview experiences and do some sidestuff to relax.
  - ↳ And always be coding.

## Resources for area-wise study

1) ~~Binary Search~~ <sup>Z M H</sup> (S + 10 + S)

- ↳ topcoder article - binary search
- ↳ leetcode premium BS questions
- ↳ Attached doc.

DP resources

- ↳ topcoder