Roadmap to competitive programming

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What is it:-

It is a sport in which you have to solve problem based on programming(DSA) in the limited time that ranges from few hours to few days.

Steps to learn-

1) Learn a programming language and clear the basics.

2) You can learn any language but it is recommended languages are C/C++/Java/Python.

3) Learn about algorithms,its time complexity and its space complexity.

4) Learn about Big-O notation.

Go for Data Structures and Algorithm

➡️It is the root/base of competitive programming.

➡️Start learning DSA and Practicing it.

➡️Some Data Structures are
-Array,Pointer,Stack,queue,linked list,tree,deque etc.

Where to learn

Some learning platforms are:

1)Udemy

2)Udacity

3)Youtube

4)geeksforgeeks

5)freecodecamp

6)w3school

7)coursera

Out of these listed links w3school,youtube,freecodecam-p are free.

To avail free udemy courses go on Discudemy Website.

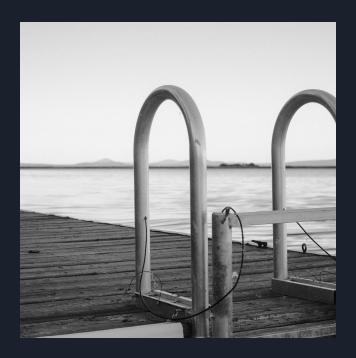# Now you have learnt DSA and language.What's next:-

Practice and participate in Contests,here are some few websites-

1.Codeforces(for contest and practice both)

2.top coder(mainly for contest)

3.Codechef(for contest and practice both)

4.geeksforgeeks(mainly for practice)

5.Leetcode(mainly for practice)

Some international contests-

1.ACM-ICPC(https://icpc.global/)

2.[Google Codejam](#)

3.[Facebook Hacker Cup](#)

4.Top Coder open

5.[Google Hashcode](#)

Don't miss it. ✔✔

FREE **Some extra resources for Computer Science**

"Don't compare yourself with others and remember there is always beginning."

—Bhagavad Gita

Thank You!💝💝

Contact us:

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<Happy Coding and happy learning../>