

10 TIPS FOR

**IMPROVING LOGIC
IN PROGRAMMING**

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"KEEP YOUR CONCEPTS CLEAR"

- Keeping concepts clear means making your base strong.**
- In order to solve any problem, we should know the concepts of that topic, then only we would be able to apply them and solve the problem.**



"BE CONSISTENT"

- Being Consistent means practising continuously or daily.**
- Take one problem, solve it or read an article on daily basis.**
- "Practice makes a man perfect!".**
- The same is the case with building programming logic.**
- Practicing consistently will help you a lot in the overall logic-building process.**



"THINK CONDITIONALLY WITH PEN AND PAPER APPROACH"

- "Programming is Thinking and, not Typing. " When you're solving a new problem, just don't directly start coding on your IDE or editor, think about the problem, find the ways to solve use Pen and Paper Approach, after you getting your solution type it on your IDE or Editor.**
- This Thinking conditionally and using Pen Paper Appraoch helps you in your interviews and also makes you syntactically strong.**



"LEARN NEW THINGS REGULARLY"

- The field you have choosed is a life-long learning field. You have to keep yourself updated as per the new technologies or methods.**
- Also when solving a coding problem, you should keep on solving multiple topics as it will help to develop your area of knowledge with better technical skills.**
- The aim should be solving new problems daily and not being stuck to the old pattern or algorithm in order to achieve success.**



"UNDERSTAND MATHEMATICAL CONCEPTS"

- Mathematics is an important aspect of programming.**
- Understanding it properly will help you to improve your programming logic.**
- You don't have to actually go in deep mathematics but at least high school level or college level math must need.**



"BUILD PROJECTS"

- What is better than improving your programming logic by building a real project for yourself!**
- This will enhance your logic building skills in programming.**
- It is mandatory to build at least one project for your clarity of that topic or language.**



"NOTES PREPARATIONS"

- This may sound boring! But preparing your own notes while learning any technology will actually make your concepts clearer in theoretical way and also practical way.**
- This will help you during your technical interviews where they ask you some theory based questions.**
- Preparing your notes is a good habit!**



"REFER FOR SOLUTIONS WHEN PRACTICING"

- When you're learning any language you try to practice some questions. But being a newbie sometimes you stuck in it when doing it on yourself.**
- So when this situation occurs, referring the solution from internet is not bad. I said "referring" not "copying".**
- Understand the logic , if possible write the solution in your own words and then implement it in your editor.**
- This will help to improve your logical skills during your learning phase.**



"TAKE PART IN CODING CHALLENGES"

- Taking part in Coding Competition will boost your logic building skills at the next level.**
- Because the coding problem which they give you are more tricky and competitive it will help you for your growth in logical building .**



"PATIENCE IS THE KEY"

- Programming is having Patience.**
- Many people leave programming after some days because they are unable to find the solutions.**
- Yeah, which sometimes is not motivating.**
- Let's always motivate ourselves by saying let's just try one more time differently, before we decide to quit!!**

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