

12 tips for beginners who want to learn programming

1. Start with a simple language. When you're first starting out, it's best to start with a simple language like Python or JavaScript which are relatively easy to learn and also have lots of resources available online.
2. Learn the basics properly: Before you can start coding, learn the basics of programming like variables, data types, operators, control flow statements, functions, etc.
3. Use a good IDE. An IDE (integrated development environment) is a software application that helps you write, debug, and run code. There are many IDEs available, so find one that you like and that works well for you.
4. Start with a simple project. When you're first starting out, it's best to start with a simple project. This will help you become comfortable with the basics of coding without getting confused by the concepts.
5. Add proper comments and document your code. Documentation is important for understanding and maintaining code. When you're writing code, add relevant comments and document it properly to make it understandable to everyone.
6. Practice regularly. The best way to learn to code is to practice regularly. Try to set aside some time each day to practice coding. You can practice by working on coding challenges, or building small projects.
7. Find a mentor. A mentor can be very valuable for beginners. A mentor can help you learn faster, provide guidance, and answer your questions. Try to find mentors with good technical and professional experience.
8. Don't lose hope or interest: If you are unable to write code properly even after trying few times or if you get stuck, don't lose hope or interest towards coding, just ask for help. Find people who are willing to help you, maybe online in forums or ask your mentor if you have one.
9. Use version control. Version control is a system that allows you to track changes to your code. This is very helpful for debugging and for collaborating with others. There are many different version control systems such as GitHub, GitLab, Bitbucket, AWS CodeCommit, etc.
10. Test your code. It's important to test your code regularly. This will help you catch errors and ensure that your code is working as expected.
11. Get your code reviewed and take feedback. Once you've written some code, it's always helpful to get feedback from others. Though your code may be working as intended, there may be more efficient ways of writing code that will improve its performance. This will also help you identify errors if any and improve your code.
12. Contribute to open source projects. Contributing to open source projects is a great way to learn new skills, get feedback on your code, and build your portfolio. Find open source projects that are looking for contributors.