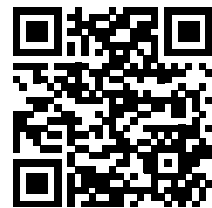


name: _____

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Debugging Basics



In the world of programming, _____ is a critical skill. It involves finding and fixing errors, or _____, in the code. Programmers write code to create software, but sometimes, _____ don't work as expected. This is where debugging comes in. The first step in debugging is to _____ the problem. This might involve reading the code line by line or using a debugging _____ to step through the code. One common error is a _____ error, which occurs when the code's format is incorrect. Another issue could be a _____ error, where the code doesn't do what the _____ intended. To solve these problems, programmers must think critically and _____ with different solutions. Sometimes, they might need to rewrite a section of the code or adjust how a _____ works. Debugging can be time-consuming, but it's essential for creating _____ software. Through practice, programmers become better at _____ and fixing errors quickly. This process not only improves the _____ but also helps programmers learn and grow in their _____. Ultimately, debugging is about problem-solving and _____, qualities every programmer needs to succeed.

understand spotting syntax craft tool reliable programmer logical
things experiment function bugs debugging software perseverance