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Debugging Response

Original Text

When creating a program or application, an error or bug may happen, which isn't uncommon, mistakes can happen from time to time, but to prevent such issues from cascading into more problematic situations in the software, debugging becomes very important and very useful, in a hurry. Debugging is the process of identifying and fixing errors or bugs in software programs or applications. It is important because it helps us understand why a program or application is not working as designed or intended. It can help find errors in the program's code, which can allow us to fix the issue before it becomes a bigger problem, as errors or bugs in a program can become much more severe later in a project's development. It can help ensure that the application is running at the highest quality. It helps make it so that the program runs smoothly for a user, without the program crashing on them or giving incorrect output.

McKinley;

I agree with everything that you have posted. Debugging is very important and very useful. I think you’ve summarized why it is important very nicely. I agree that debugging can help limit the damage a bug can cause. I try to remember that good debugging practices can reduce some bugs before they become problems at all. I also agree that debugging makes software run smoothly, efficiently, predictably, and error free. I think you expressed the reasons what debugging is and why it is important very well.