

Critical Thinking Task

Another fundamental tradeoff we frequently face in the Computer Science profession is deciding whether to copy someone else's code or write your own code to solve a particular coding difficulty. As a result, when performing codes in professional sectors, the software developer may encounter the following issues:

Projects: As computer science students in colleges and universities, you may or may not copy the programs from external references to create your own projects to help you stand out in the job market. Building codes from external sources, for example, could be called "duplicating," as in not performing your own work but copying someone else's. As a result, it isn't distinctive and one-of-a-kind. As a result, people may choose to make their initiatives stand apart by copying some of the source code or creating their own, although this may or may not be exceptional.

Professional fields: When working for some computer organizations, some of the employers may or may not require their software developers to build the website/application/project on their own. If this was a case, if the employers realize they copied the programs from the sources, they might or might not get fired due of not making their own work. As a result, coders can choose whether to risk their employment by duplicating the scripts to speed up the project's progress, or they can opt not to speed up the process but avoid being fired by doing their own work.

Teaching: Assume you're about to start your career as a software engineer. In the case of a successful software developer who had a long and illustrious career before returning to teach high school pupils how to code. His student asks him a question about a problem that he used to copy all the codes to make the projects in his career, and he is unprepared to answer. You don't want this to happen as a software engineer. So, if you don't know much about the concepts, you can choose between writing your own codes or copying everything from external sources for the rest of your career.