

Report Of Assignment 1

The assignment contains fundamental operations on a matrix. We use matrices on various branches of computer science, especially data science. We can manipulate matrices using those operations. The underlying notion of assignment is understanding how a way should be traced to iterate on matrices and the analyses of functions.

First, I've started design my project from coding function. I designed my function based on pass by value so that I wouldn't make a difference on my datas uninteationally, every function returns a matrix object respect to what they should do. After that, I choose whether I'll make a difference on matrix exists at before rather than create another one.

Through the process, I pay attention to modular programming as much as I can. I saw modular programming how much it can be important. When I encounter a mistake or needed changing or implement new features to program, I can edit my code quickly. I tried to divide my functions and their task they're responsible as much as possible.

I controlled if the operations can be performed on part of reading and parcing files, subsequently if it's ok, I'll pass to parameters to function concern the task. I could implement all of functions is denoted on PDF.

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