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Reading III

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Question 1.

(1 point) Concisely identify one significant anachronism in Parnas' paper.

[anachronism: something or someone that is not in its correct historical or chronological time, especially a thing or person that belongs to an earlier time: The sword is an anachronism in modern warfare.]

Question 2.

(2 points) Do functional decomposition and information hiding have fundamentally different properties with respect to efficiency? Briefly justify your answer.

Question 3.

(2 points) The Parnas paper asserts that in information hiding, a change is limited to a module's implementation (leaving the interface and the clients unchanged) and this is the best case for a change.

Another potential best case for a change might be renaming a variable throughout a program. In two or three sentences, discuss how renaming is consistent with and/or differs from Parnas' information hiding.

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Questions or Comments?

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