

- (b) Fill in the following tables for the given buffer replacement policies. You have 4 buffer pages, with the access pattern **A, B, C, D, A, F (remains pinned), D, G, D, unpin F, G, E, D, F**. Remember that unpinning does not contribute to the hit count!

Least Recently Used w/ Pinning

A																$\overline{13}$
	B															
		C														
			D													

Most Recently Used w/ Pinning

A																
	B															
		C														
			D													

- (c) Is MRU ever better than LRU?

- (d) Why would we use a clock replacement policy over LRU?

- (e) Why would it be useful for a database management system to implement its own buffer replacement policy? Why shouldn't we just rely on the operating system?

