Problem 1:

	Input Size		
	2048	4096	8192
Block Size			
1	149471	775551	3152937
2	117389	566756	3101743
4	90810	452209	1509531
8	88188	415609	1534321
16	124092	560648	1830890
32	115988	522756	1765084
64	108851	546078	1788305
128	137318	524887	1940643

The above records seconds * 1 ^ 5

The cpu will grab more information than it needs and put it in the cache based on the fact that the data close to the requested data will most likely be requested again

Problem 2:

GitHub Link:

https://github.com/Ookayleb/MatrixTransposition/commits/master