

Kyle Chin  
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CPE315-07  
Lab 5  
Due Date: 5/31/18

<b><u>Original Code</u></b>	<b>-O0</b>	<b>-O1</b>	<b>-O2</b>	<b>-O3</b>
<b>Runtime</b>	8.515	3.179	3.262	3.343
<b>Cache Misses</b>	18150	16098	10344	17617
<b>Cache References</b>	1076385403	1076351820	1076361028	1077432809

<b><u>With best compiler optimization level</u></b>	<b>Original</b>	<b>Column-major</b>	<b>Tiled 16x16</b>	<b>Tiled 32x32</b>
<b>Runtime</b>	3.343	2.005	2.052	1.977
<b>Cache Misses</b>	17617	15508	8647	7117
<b>Cache References</b>	1077432809	2947146	1918061	1797118

github:

<https://github.com/jinchizhou/315-lab5>