**Report**

**SAMPLE OUTPUT: Executing Matrix Multiplication**

Matrix 100x100 Time taken is : .102; Finished.

Matrix 200x200 Time taken is : 0.132; Finished.

Matrix 300x300 Time taken is : 0.333; Finished.

Matrix 400x400 Time taken is : 0.710; Finished.

Matrix 500x500 Time taken is : 1.312; Finished.

Matrix 600x600 Time taken is : 2.157; Finished.

Matrix 700x700 Time taken is : 3.484; Finished.

Matrix 800x800 Time taken is : 7.233; Finished.

Matrix 900x900 Time taken is : 14.06; Finished.

Matrix 1000x1000 Time taken is : 16.52; Finished.

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| Processor | i3 - 330M. 2.13GHz | | |
| RAM | 4GB (3.87 usable) | | |
| System | Windows 7, 64bit, x64-based processor | | |
| GPU | NVIDIA- GeForce 310M, 512MB DDR3, (2491MB usable) | | |
| Cuda cores | 16 | | |
| DirectX | 11 | | |
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| Matrix Size | Time Taken(in seconds) | | |
| 100\*100 | 0.172 | | |
| 200\*200 | 0.134 | | |
| 300\*300 | 0.338 | | |
| 400\*400 | 0.7 | | |
| 500\*500 | 1.38 | | |
| 600\*600 | 2.256 | | |
| 700\*700 | 3.73 | | |
| 800\*800 | 5.789 | | |
| 900\*900 | 12.569 | | |
| 1000\*1000 | 16.176 | | |
| 5000\*5000 | 2256.09 | | |
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