

Assignment 1 Results

These results have been recorded by me, Rachel Shindelus. Test cases have been compiled on my personal computer using Visual Studios 2019.

VectorAdd

C:\Users\benjt\OneDrive\Desktop\Rachey\CSC-163\A1\A1\build\VectorAdd\Dataset\0\myoutput.raw

myoutput.raw	myc	output.raw	m
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2	1.200000	2	1.20
3	-0.200000	3	-0.20
4	2.200000	4	2.20
5	1.200000	5	1.20
6	2.000000	6	2.00
7	-0.400000	7	-0.40
8	2.000000	8	2.00
9	4.200000	9	4.20
10	0.800000	10	0.80
11	-0.800000	11	-0.80
12	-0.800000	12	-0.80
13	2.200000	13	2.20
14	1.800000	14	1.80
15	2.400000	15	2.40
16	-0.400000	16	-0.40
17	1.400000	17	1.40
18			

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BasicMatrixMultiplication

C:\Users\benjt\OneDrive\Desktop\Rachey\CSC-163\A1\A1\datasets\BasicMatrixMultiplication\Dataset\0\myoutput.raw

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5	130.919983 78.000000 94.320015 93.560005 103.839989 108.920036 101.839996 84.640022 86.000015 156		
6	121.200020 73.639977 87.120010 144.240036 116.040016 77.360001 120.000023 112.799988 110.279999 1		
7	77.919991 65.000015 86.680008 96.440002 85.959976 100.159996 87.400009 79.599991 93.720001 115.72		
8	113.760002 63.919994 81.919991 61.840008 93.399994 78.360001 104.079964 80.279991 89.039986 103.7		
9	90.959999 88.360001 123.439980 110.480019 108.279976 37.640011 110.519989 96.080002 118.040024 80		
10	77.720001 79.640007 68.559975 94.600037 68.960014 71.720009 73.360008 84.720001 75.199989 119.479		
11	93.040031 63.439999 130.200027 144.920029 90.640007 105.959999 118.160027 90.240013 106.719978 14		
12	77.760002 66.279991 103.879997 82.720001 104.159973 82.360001 62.080009 92.920013 105.400002 118.		
13	109.479980 53.800003 122.320007 112.319984 85.800026 108.480011 103.919991 88.640015 116.479996 1		
14	96.399986 66.320007 94.159988 105.959999 125.839989 72.240005 102.599968 116.399986 110.360016 16		
15	106.160004 56.119991 101.279991 106.839996 93.280014 66.199997 109.519997 88.679993 97.719994 127		
16	54.879993 90.040009 53.879990 59.720009 94.279968 40.439995 62.959999 85.560036 80.999985 93.0400		
17	130.959976 95.279991 115.720001 122.319962 126.159996 145.319977 109.199997 130.880020 132.160004		
18	57.999989 62.719990 80.119995 87.920006 99.079987 86.800011 85.239990 76.119987 97.239990 116.200		
19	107.040016 87.480003 110.839996 121.840065 87.959991 73.319992 95.559998 84.440002 93.679993 122.		
20	113.159950 111.240005 114.999969 106.119995 144.199997 93.720032 115.959991 115.200005 127.959991		
21	116.879967 92.680000 125.520020 114.880013 136.559998 111.239983 78.520004 122.000023 151.600006		
22	114.279999 50.960011 97.240021 87.320007 121.200005 136.919998 73.439987 105.640007 137.959976 14		
23	61.159992 67.880005 98.359993 113.600006 96.400024 84.759987 96.719994 116.000008 104.839958 149.		
24	75.760002 78.159996 116.759987 90.360008 119.439995 82.559975 111.200035 97.520004 92.039978 125.		
25	102.400017 77.440010 107.479980 109.840004 93.600021 96.680000 70.320007 103.759979 96.920006 146		
26	80.199997 85.119987 110.079964 120.279984 129.160004 107.240005 108.199982 119.799965 126.719986		
27	117.520012 62.919998 100.839989 99.600006 130.680008 95.399979 104.600006 105.800011 105.880025 1		
28	89.639992 63.199997 99.000000 104.519997 121.519981 88.360001 85.000000 103.479996 98.639999 139.		
29	95.520020 68.520012 96.400009 117.719994 90.120018 93.920029 77.079987 99.000008 129.200027 116.7		
30	109.080009 72.719978 104.839996 127.439972 134.760056 112.879974 107.159996 85.520020 114.799995		
31	100.680008 90.000000 108.760010 119.400017 133.079971 118.959946 102.400017 93.800026 132.960007		

result.txt	output.raw	myoutput.raw	template.cu
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4	111.08 47.36 122.56 104.84 125.60 100.12 116.24 111.04 118.12 125.16 74.00 100.40 151.76 102.16 94.96		
5	130.92 78.00 94.32 93.56 103.84 108.92 101.84 84.64 86.00 156.12 95.56 81.96 100.92 87.32 75.32 123.4		
6	121.20 73.64 87.12 144.24 116.04 77.36 120.00 112.80 110.28 124.68 121.24 71.84 135.40 108.92 105.60		
7	77.92 65.00 86.68 96.44 85.96 100.16 87.40 79.60 93.72 115.72 113.92 96.76 122.84 91.76 89.28 116.56		
8	113.76 63.92 81.92 61.84 93.40 78.36 104.08 80.28 89.04 103.72 45.48 74.64 107.88 98.20 74.72 110.52		
9	90.96 88.36 123.44 110.48 108.28 37.64 110.52 96.08 118.04 80.80 92.80 66.92 126.16 104.88 69.08 117.		
10	77.72 79.64 68.56 94.60 68.96 71.72 73.36 84.72 75.20 119.48 60.32 49.36 82.56 101.96 69.36 91.28 49.		
11	93.04 63.44 130.20 144.92 90.64 105.96 118.16 90.24 106.72 141.92 101.60 86.60 139.00 123.40 89.96 12		
12	77.76 66.28 103.88 82.72 104.16 82.36 62.08 92.92 105.40 118.72 63.72 65.28 109.36 87.68 78.20 110.28		
13	109.48 53.80 122.32 112.32 85.80 108.48 103.92 88.64 116.48 144.24 80.72 94.36 141.96 99.00 99.88 109		
14	96.40 66.32 94.16 105.96 125.84 72.24 102.60 116.40 110.36 108.52 94.04 90.16 135.40 100.88 75.68 121		
15	106.16 56.12 101.28 106.84 93.28 66.20 109.52 88.68 97.72 127.24 65.04 89.24 100.40 110.84 64.76 79.7		
16	54.88 90.04 53.88 59.72 94.28 40.44 62.96 85.56 81.00 93.04 80.80 60.36 110.64 65.20 48.96 113.60 85.		
17	130.96 95.28 115.72 122.32 126.16 145.32 109.20 130.88 132.16 165.84 94.64 90.28 123.48 116.12 97.04		
18	58.00 62.72 80.12 87.92 99.08 86.80 85.24 76.12 97.24 116.20 96.12 90.04 92.76 83.44 78.28 111.20 91.		
19	107.04 87.48 110.84 121.84 87.96 73.32 95.56 84.44 93.68 122.52 100.56 100.24 132.76 121.68 89.56 106		
20	113.16 111.24 115.00 106.12 144.20 93.72 115.96 115.20 127.96 105.04 107.08 88.84 155.16 118.04 99.20		
21	116.88 92.68 125.52 114.88 136.56 111.24 78.52 122.00 151.60 173.40 113.96 97.28 163.92 123.28 141.64		
22	114.28 50.96 97.24 87.32 121.20 136.92 73.44 105.64 137.96 149.20 80.72 99.84 126.24 119.80 88.52 109		
23	61.16 67.88 98.36 113.60 96.40 84.76 96.72 116.00 104.84 149.24 73.52 79.56 137.36 90.56 101.16 120.3		
24	75.76 78.16 116.76 90.36 119.44 82.56 111.20 97.52 92.04 125.56 62.16 58.32 105.76 106.92 96.88 89.48		
25	102.40 77.44 107.48 109.84 93.60 96.68 70.32 103.76 96.92 146.36 70.48 112.40 114.16 103.84 70.80 117		
26	80.20 85.12 110.08 120.28 129.16 107.24 108.20 119.80 126.72 145.64 99.00 76.52 118.76 135.24 49.00 1		
27	117.52 62.92 100.84 99.60 130.68 95.40 104.60 105.80 105.08 113.52 95.12 113.60 155.08 113.92 98.16 7		
28	89.64 63.20 99.00 104.52 121.52 88.36 85.00 103.48 98.64 139.44 67.32 71.40 98.88 81.52 92.96 101.84		
29	95.52 68.52 96.40 117.72 90.12 93.92 77.08 99.00 129.20 116.16 105.00 99.92 136.80 113.72 79.92 120.7		
30	109.08 72.72 104.84 127.44 134.76 112.88 107.16 85.52 114.80 150.80 136.64 99.68 174.20 129.84 117.12		
31	100.68 90.00 108.76 119.40 133.08 118.96 102.40 93.80 132.96 117.12 103.16 103.64 122.92 102.80 80.64		

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TiledMatrixMultiplication

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Dataset\\0\\myoutput.raw

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5  130.919983 78.000000 94.320015 93.560005 103.839989 108.920036 101.839996 84.640022 86.000015 156
6  121.200020 73.639977 87.120010 144.240036 116.040016 77.360001 120.000023 112.799988 110.279999 1
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5 130.92 78.00 94.32 93.56 103.84 108.92 101.84 84.64 86.00 156.12 95.56 81.96 100.92 87.32 75.32 121.20
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7 77.92 65.00 86.68 96.44 85.96 100.16 87.40 79.60 93.72 115.72 113.92 96.76 122.84 91.76 89.28 116.00
8 113.76 63.92 81.92 61.84 93.40 78.36 104.08 80.28 89.04 103.72 45.48 74.64 107.88 98.20 74.72 110.00
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11 93.04 63.44 130.20 144.92 90.64 105.96 118.16 90.24 106.72 141.92 101.60 86.60 139.00 123.40 89.96
12 77.76 66.28 103.88 82.72 104.16 82.36 62.08 92.92 105.40 118.72 63.72 65.28 109.36 87.68 78.20 110.00
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14 96.40 66.32 94.16 105.96 125.84 72.24 102.60 116.40 110.36 108.52 94.04 90.16 135.40 100.88 75.68
15 106.16 56.12 101.28 106.84 93.28 66.20 109.52 88.68 97.72 127.24 65.04 89.24 100.40 110.84 64.76 70.00
16 54.88 90.04 53.88 59.72 94.28 40.44 62.96 85.56 81.00 93.04 80.80 60.36 110.64 65.20 48.96 113.60
17 130.96 95.28 115.72 122.32 126.16 145.32 109.20 130.88 132.16 165.84 94.64 90.28 123.48 116.12 97.00
18 58.00 62.72 80.12 87.92 99.08 86.80 85.24 76.12 97.24 116.20 96.12 90.04 92.76 83.44 78.28 111.20
19 107.04 87.48 110.84 121.84 87.96 73.32 95.56 84.44 93.68 122.52 100.56 100.24 132.76 121.68 89.56
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21 116.88 92.68 125.52 114.88 136.56 111.24 78.52 122.00 151.60 173.40 113.96 97.28 163.92 123.28 141.00
22 114.28 50.96 97.24 87.32 121.20 136.92 73.44 105.64 137.96 149.20 80.72 99.84 126.24 119.80 88.52
23 61.16 67.88 98.36 113.60 96.40 84.76 96.72 116.00 104.84 149.24 73.52 79.56 137.36 90.56 101.16 121.20
24 75.76 78.16 116.76 90.36 119.44 82.56 111.20 97.52 92.04 125.56 62.16 58.32 105.76 106.92 96.88 89.00
25 102.40 77.44 107.48 109.84 93.60 96.68 70.32 103.76 96.92 146.36 70.48 112.40 114.16 103.84 70.80
26 80.20 85.12 110.08 120.28 129.16 107.24 108.20 119.80 126.72 145.64 99.00 76.52 118.76 135.24 49.00
27 117.52 62.92 100.84 99.60 130.68 95.40 104.60 105.80 105.08 113.52 95.12 113.60 155.08 113.92 98.00
28 89.64 63.20 99.00 104.52 121.52 88.36 85.00 103.48 98.64 139.44 67.32 71.40 98.88 81.52 92.96 101.00
29 95.52 68.52 96.40 117.72 90.12 93.92 77.08 99.00 129.20 116.16 105.00 99.92 136.80 113.72 79.92 121.20
30 109.08 72.72 104.84 127.44 134.76 112.88 107.16 85.52 114.80 150.80 136.64 99.68 174.20 129.84 117.00
31 100.68 90.00 108.76 119.40 133.08 118.96 102.40 93.80 132.96 117.12 103.16 103.64 122.92 102.80 80.00

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