

```
1 /Users/kailinx/Desktop/algos/Matrix/cmake-build-  
  debug/Vectors  
2 Matrix Multiplication for size: 128 * 128  
3 Array 1:  
4 56, 34, ..., 6, 7  
5 ...  
6 44, 32, ..., 8, 37  
7 ---  
8 Array 2:  
9 71, 19, ..., 95, 75  
10 ...  
11 36, 70, ..., 68, 78  
12 ---  
13 Array Result:  
14 333295, 297587, ..., 319852, 301568  
15 ...  
16 334256, 329628, ..., 346785, 306366  
17 ---  
18 Time Taken: 0.0047370000  
19 ---  
20 ---  
21 Matrix Multiplication for size: 256 * 256  
22 Array 1:  
23 56, 34, ..., 83, 79  
24 ...  
25 59, 93, ..., 63, 23  
26 ---  
27 Array 2:  
28 7, 95, ..., 91, 31  
29 ...  
30 36, 68, ..., 53, 17  
31 ---  
32 Array Result:  
33 651525, 601630, ..., 636815, 623637  
34 ...  
35 670320, 579720, ..., 655107, 618321  
36 ---  
37 Time Taken: 0.0385770015  
38 ---  
39 ---  
40 Matrix Multiplication for size: 512 * 512
```

```
41 Array 1:
42 56, 34, ..., 16, 53
43 ...
44 76, 47, ..., 9, 37
45 ---
46 Array 2:
47 65, 23, ..., 72, 55
48 ...
49 3, 23, ..., 67, 25
50 ---
51 Array Result:
52 1223666, 1268633, ..., 1274448, 1282148
53 ...
54 1215099, 1217748, ..., 1231134, 1228006
55 ---
56 Time Taken: 0.3112320006
57 ---
58 ---
59
60 Process finished with exit code 0
61
```