C compilation results

Contents

8x8

Time taken for multiplication: 0.000002 seconds

Memory used before: 3008 KB

Memory used after: 3068 KB

CPU time used: 0 ms

Memory used: 60 KB

Process finished with exit code 0

32x32

Time taken for multiplication: 0.000127 seconds

Memory used before: 3024 KB

Memory used after: 3088 KB

CPU time used: 0 ms

Memory used: 64 KB

Process finished with exit code 0

64x64

Time taken for multiplication: 0.000836 seconds

Memory used before: 3104 KB

Memory used after: 3164 KB

CPU time used: 0 ms

Memory used: 60 KB

Process finished with exit code 0

128x128

Time taken for multiplication: 0.008560 seconds

Memory used before: 3392 KB

Memory used after: 3452 KB

CPU time used: 0 ms

Memory used: 60 KB

Process finished with exit code 0

256x256

Time taken for multiplication: 0.055892 seconds

Memory used before: 4540 KB

Memory used after: 4600 KB

CPU time used: 31 ms

Memory used: 60 KB

Process finished with exit code 0

512x512

Time taken for multiplication: 0.540083 seconds

Memory used before: 9152 KB

Memory used after: 9212 KB

CPU time used: 218 ms

Memory used: 60 KB

Process finished with exit code 0

1024x1024

Time taken for multiplication: 7.772135 seconds

Memory used before: 27584 KB

Memory used after: 27684 KB

CPU time used: 1968 ms

Memory used: 100 KB

Process finished with exit code 0

2048x2048

Time taken for multiplication: 49.414478 seconds

Memory used before: 101312 KB

Memory used after: 101356 KB

CPU time used: 8156 ms

Memory used: 44 KB

Process finished with exit code 0

4096x4096

Time taken for multiplication: 387.348534 seconds

Memory used before: 396224 KB

Memory used after: 396308 KB

CPU time used: 95796 ms

Memory used: 84 KB

Process finished with exit code 0