

Function	label	time
arraySum	real	0m0.002s
arraySum	user	0m0.000s
arraySum	sys	0m0.003s
matrixMultiply	real	0m0.003s
matrixMultiply	user	0m0.000s
matrixMultiply	sys	0m0.003s
solveNQueensUtil	real	0m0.003s
solveNQueensUtil	user	0m0.003s
solveNQueensUtil	sys	0m0.003s

```
● thomas@FumpBook:~/Documents/DSU/Fall 2024/CSC-410/sequential$ time ./arraysum
Total Sum: 50005000

real    0m0.002s
user    0m0.000s
sys     0m0.003s
○ thomas@FumpBook:~/Documents/DSU/Fall 2024/CSC-410/sequential$
```

```
thomas@FumpBook:~/Documents/DSU/Fall 2024/CSC-410/sequential/matrixMul$ time ./m
Matrices allocated successfully.
Matrices initialized successfully.
Matrix multiplication complete!
Resulting Matrix C:
10 10 10 10 10 10 10 10 10 10
10 10 10 10 10 10 10 10 10 10
10 10 10 10 10 10 10 10 10 10
10 10 10 10 10 10 10 10 10 10
10 10 10 10 10 10 10 10 10 10
10 10 10 10 10 10 10 10 10 10
10 10 10 10 10 10 10 10 10 10
10 10 10 10 10 10 10 10 10 10
10 10 10 10 10 10 10 10 10 10
10 10 10 10 10 10 10 10 10 10

real    0m0.003s
user    0m0.000s
sys     0m0.003s
thomas@FumpBook:~/Documents/DSU/Fall 2024/CSC-410/sequential/matrixMul$
```

```
. . . . . Q
. . . . . Q
. . . . . Q
Q . . . . .
. . . . . Q
. . . . . Q
. . . . . Q
```

```
. . . . . Q
. . . . . Q
Q . . . . .
. . . . . Q
. . . . . Q
. . . . . Q
. . . . . Q
```

```
. . . . . Q
. . . . . Q
Q . . . . .
. . . . . Q
. . . . . Q
. . . . . Q
. . . . . Q
```

```
real    0m0.004s
user    0m0.001s
sys     0m0.003s
```

o **thomas@FumpBook**:~/Documents/DSU/Fall 2024/CSC-410/sequential\$