```
(.env) pc@pavilion-15:~/Desktop/Academics/parallel/project$ g++ iterative_polymul_parallel.cpp -fopenmp -o binaries/iterative_polymul_parallel (.env) pc@pavilion-15:~/Desktop/Academics/parallel/project$ binaries/iterative_polymul_parallel
Iterative Polymul Parallel:
            ERROR
                       TIME (microsec)
             0
                        1386
             0
3
4
5
6
7
8
9
             0
                        661
                        1713
                        2264
                        3089
                        4219
             0
0
10
                        6492
11
12
13
14
                        11991
            0
                        13811
                        22029
             0
                        36249
                        77889
                        98528
                        186948
                        327773
                        670122
```

==

```
(.env) pc@pavilion-15:~/Desktop/Academics/parallel/project$ binaries/iterative_polymul_parallel
Iterative Polymul Parallel:
 TEST
            FRROR
                      TIME (microsec)
            0
                       1726
             0
3
4
5
6
7
8
9
                       888
                       1341
                       2182
                       2966
3643
5928
             0
            0
 11
12
                       10657
                       19118
 13
14
                       28348
                       36535
                       75679
                       101402
 17
18
                       164561
                       341536
 19
             0
                       677556
```

==

```
(.env) pc@pavilion-15:~/Desktop/Academics/parallel/project$ binaries/iterative_polymul_parallel
Iterative Polymul Parallel:
 TEST
            ERROR
                     TIME (microsec)
4
5
6
7
8
9
                      962
1221
            0
                      2468
            0
                      3171
                      4474
                      5953
 11
12
                      11383
                      13859
 13
14
                      24134
                      37507
                      71935
                      84759
            0
0
                      170449
 18
                      345024
                      676945
 19
            0
```

```
\label{lem:convergence} (.env) \ \ pc@pavilion-15: ~/ Desktop/Academics/parallel/project \\ \ binaries/iterative_polymul_parallel \\ Iterative_Polymul_Parallel:
              ERROR TIME (microsec)
                             1174
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
                            611
771
966
1205
               0
               0
               0
0
0
                             1624
                             4238
                             6741
                            8272
10139
15836
               0
               0
0
                             25839
               0
0
0
                             42267
                             74783
                             117622
                             193474
                             329119
                             685153
```

==

```
(.env) pc@pavilion-15:~/Desktop/Academics/parallel/project$ binaries/iterative_polymul_parallel
Iterative Polymul Parallel:
TEST ERROR TIME (microsec)
                               1471
                              898
836
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
                               1202
                               1434
                               2500
                              2535
4231
6683
                0
                0
0
0
0
                               11715
                               16685
                               24949
                               43684
                              64676
104526
                              183096
331680
                 0
0
0
                               674297
```