**Size of array------ 950**

---------------Task\_1

Looking for the primes from 0 to 950

0000,0000 ms took ISPRIME

0000,0000 ms took ERATHOSPHEN

0000,0000 ms took MODIFIED\_ERATHOSPHEN

---------------Task\_2

0015,6071 ms took PARALLEL\_ISPRIME\_CYCLE

0053,3713 ms took PARALLEL\_ERATHOSPHEN11\_DATA\_DECOMPOSTION

0015,6310 ms took PARALLEL\_ERATHOSPHEN12\_CYCLE\_DECOMPOSTION

0031,2462 ms took PARALLEL\_ERATHOSPHEN2\_PRIMEsSET\_DECOMPOSTION

---------------Task\_3

0000,0000 ms took TASK\_POOL

---------------Task\_4

0046,8577 ms took LOCK\_SECTION

*Error found: position 949*

**Size of array------ 9500**

---------------Task\_1

Looking for the primes from 0 to 9500

0000,0000 ms took ISPRIME

0015,6206 ms took ERATHOSPHEN

0000,0000 ms took MODIFIED\_ERATHOSPHEN

---------------Task\_2

0022,1344 ms took PARALLEL\_ISPRIME\_CYCLE

0015,6224 ms took PARALLEL\_ERATHOSPHEN11\_DATA\_DECOMPOSTION

0031,2424 ms took PARALLEL\_ERATHOSPHEN12\_CYCLE\_DECOMPOSTION

0022,1353 ms took PARALLEL\_ERATHOSPHEN2\_PRIMEsSET\_DECOMPOSTION

---------------Task\_3

0000,0000 ms took TASK\_POOL

---------------Task\_4

0015,6288 ms took LOCK\_SECTION

*Error found: position 9409*

**Size of array------ 95000**

---------------Task\_1

Looking for the primes from 0 to 95000

0015,6367 ms took ISPRIME

0020,2162 ms took ERATHOSPHEN

0010,0074 ms took MODIFIED\_ERATHOSPHEN

---------------Task\_2

0033,6674 ms took PARALLEL\_ISPRIME\_CYCLE

0056,8939 ms took PARALLEL\_ERATHOSPHEN11\_DATA\_DECOMPOSTION

0065,2729 ms took PARALLEL\_ERATHOSPHEN12\_CYCLE\_DECOMPOSTION

0065,2090 ms took PARALLEL\_ERATHOSPHEN2\_PRIMEsSET\_DECOMPOSTION

---------------Task\_3

0010,0081 ms took TASK\_POOL

---------------Task\_4

0043,7467 ms took LOCK\_SECTION

If size of array > 100000, exception for task pool:

