

15331098 何子龙

注意事项：本程序使用了 `openmp` 库，为了能正常运行，应在编译选项中加入 `-fopenmp`。另外，计时所采用的 `api` 是在 `windows` 运行环境下能使用的，其他运行环境下运行未确定是否会有某些突发情况。

实验结果：

1000:

```
F:\hw1.exe
请输入n大小: 1000
线程数: 16
区间大小: 63
primes found:2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97, 101, 103, 107, 109, 113, 127, 131, 137, 139, 149, 151, 157, 163, 167, 173, 179, 181, 191, 193, 197, 199, 211, 223, 227, 229, 233, 239, 241, 251, 257, 263, 269, 271, 277, 281, 283, 293, 307, 311, 313, 317, 331, 337, 347, 349, 353, 359, 367, 373, 379, 383, 389, 397, 401, 409, 419, 421, 431, 433, 439, 443, 449, 457, 461, 463, 467, 479, 487, 491, 499, 503, 509, 521, 523, 541, 547, 557, 563, 569, 571, 577, 587, 593, 599, 601, 607, 613, 617, 619, 631, 641, 643, 647, 653, 659, 661, 673, 677, 683, 691, 701, 709, 719, 727, 733, 739, 743, 751, 757, 761, 769, 773, 787, 797, 809, 811, 821, 823, 827, 829, 839, 853, 857, 859, 863, 877, 881, 883, 887, 907, 911, 919, 929, 937, 941, 947, 953, 967, 971, 977, 983, 991, 997
thread0:0.042921ms
thread1:0.0013996ms
thread2:0.0013996ms
thread3:0.0013996ms
thread4:0.0410543ms
thread5:0.0013996ms
thread6:0.000933065ms
thread7:0.0013996ms
thread8:0.0349899ms
thread9:0.0013996ms
thread10:0.0013996ms
thread11:0.000933065ms
thread12:0.0317242ms
thread13:0.0013996ms
thread14:0.0013996ms
thread15:0.000933065ms
最长时间: 0.042921ms
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2000:

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F:\hw1.exe
primes found:2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97, 101, 103, 107, 109, 113, 127, 131, 137, 139, 149, 151, 157, 163, 167, 173, 179, 181, 191, 193, 197, 199, 211, 223, 227, 229, 233, 239, 241, 251, 257, 263, 269, 271, 277, 281, 283, 293, 307, 311, 313, 317, 331, 337, 347, 349, 353, 359, 367, 373, 379, 383, 389, 397, 401, 409, 419, 421, 431, 433, 439, 443, 449, 457, 461, 463, 467, 479, 487, 491, 499, 503, 509, 521, 523, 541, 547, 557, 563, 569, 571, 577, 587, 593, 599, 601, 607, 613, 617, 619, 631, 641, 643, 647, 653, 659, 661, 673, 677, 683, 691, 701, 709, 719, 727, 733, 739, 743, 751, 757, 761, 769, 773, 787, 797, 809, 811, 821, 823, 827, 829, 839, 853, 857, 859, 863, 877, 881, 883, 887, 907, 911, 919, 929, 937, 941, 947, 953, 967, 971, 977, 983, 991, 997, 1009, 1013, 1019, 1021, 1031, 1033, 1039, 1049, 1051, 1061, 1063, 1069, 1087, 1091, 1093, 1097, 1103, 1109, 1117, 1123, 1129, 1151, 1153, 1163, 1171, 1181, 1187, 1193, 1201, 1213, 1217, 1223, 1229, 1231, 1237, 1249, 1259, 1277, 1279, 1283, 1289, 1291, 1297, 1301, 1303, 1307, 1319, 1321, 1327, 1361, 1367, 1373, 1381, 1399, 1409, 1423, 1427, 1429, 1433, 1439, 1447, 1451, 1453, 1459, 1471, 1481, 1483, 1487, 1489, 1493, 1499, 1511, 1523, 1531, 1543, 1549, 1553, 1559, 1567, 1571, 1579, 1583, 1597, 1601, 1607, 1609, 1613, 1619, 1621, 1627, 1637, 1657, 1663, 1667, 1669, 1693, 1697, 1699, 1709, 1721, 1723, 1733, 1741, 1747, 1753, 1759, 1777, 1783, 1787, 1789, 1801, 1811, 1823, 1831, 1847, 1861, 1867, 1871, 1873, 1877, 1879, 1889, 1901, 1907, 1913, 1931, 1933, 1949, 1951, 1973, 1979, 1987, 1993, 1997, 1999
thread0:0.0447871ms
thread1:0.0013996ms
thread2:0.00186613ms
thread3:0.0013996ms
thread4:0.0102637ms
thread5:0.0013996ms
thread6:0.0401218ms
thread7:0.0013996ms
thread8:0.0013996ms
thread9:0.0013996ms
thread10:0.000933065ms
thread11:0.0013996ms
thread12:0.0545843ms
thread13:0.0013996ms
thread14:0.0013996ms
thread15:0.000933065ms
thread16:0.0013996ms
thread17:0.000933065ms
thread18:0.0265923ms
thread19:0.0013996ms
thread20:0.0013996ms
thread21:0.0013996ms
thread22:0.0013996ms
最长时间: 0.0545843ms
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4000:

```
primes found:2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97, 101, 103, 107, 109, 113, 127, 131, 137, 139, 149, 151, 157, 163, 167, 173, 179, 181, 191, 193, 197, 199, 211, 223, 227, 229, 233, 239, 241, 251, 257, 263, 269, 271, 277, 281, 283, 293, 307, 311, 313, 317, 331, 337, 347, 349, 353, 359, 367, 373, 379, 383, 389, 397, 401, 409, 419, 421, 431, 433, 439, 443, 449, 457, 461, 463, 467, 479, 487, 491, 499, 503, 509, 521, 523, 541, 547, 557, 563, 569, 571, 577, 587, 593, 599, 601, 607, 613, 617, 619, 631, 641, 643, 647, 653, 659, 661, 673, 677, 683, 691, 701, 709, 719, 727, 733, 739, 743, 751, 757, 761, 769, 773, 787, 797, 809, 811, 821, 823, 827, 829, 839, 853, 857, 859, 863, 877, 881, 883, 887, 907, 911, 919, 929, 937, 941, 947, 953, 967, 971, 977, 983, 991, 997, 1009, 1013, 1019, 1021, 1031, 1033, 1039, 1049, 1051, 1061, 1063, 1069, 1087, 1091, 1093, 1097, 1103, 1109, 1117, 1123, 1129, 1151, 1153, 1163, 1171, 1181, 1187, 1193, 1201, 1213, 1217, 1223, 1229, 1231, 1237, 1249, 1259, 1277, 1279, 1283, 1289, 1291, 1297, 1301, 1303, 1307, 1319, 1321, 1327, 1361, 1367, 1373, 1381, 1399, 1409, 1423, 1427, 1429, 1433, 1439, 1447, 1451, 1453, 1459, 1471, 1481, 1483, 1487, 1489, 1493, 1499, 1511, 1523, 1531, 1543, 1549, 1553, 1559, 1567, 1571, 1579, 1583, 1597, 1601, 1607, 1609, 1613, 1619, 1621, 1627, 1637, 1657, 1663, 1667, 1669, 1693, 1697, 1699, 1709, 1721, 1723, 1733, 1741, 1747, 1753, 1759, 1777, 1783, 1787, 1789, 1801, 1811, 1823, 1831, 1847, 1861, 1867, 1871, 1873, 1877, 1879, 1889, 1901, 1907, 1913, 1931, 1933, 1949, 1951, 1973, 1979, 1987, 1993, 1997, 1999, 2003, 2011, 2017, 2027, 2029, 2039, 2053, 2063, 2069, 2081, 2083, 2087, 2089, 2099, 2111, 2113, 2129, 2131, 2137, 2141, 2143, 2153, 2161, 2179, 2203, 2207, 2213, 2221, 2237, 2239, 2243, 2251, 2267, 2269, 2273, 2281, 2287, 2293, 2297, 2309, 2311, 2333, 2339, 2341, 2347, 2351, 2357, 2371, 2377, 2381, 2383, 2389, 2393, 2399, 2411, 2417, 2423, 2437, 2441, 2447, 2459, 2467, 2473, 2477, 2503, 2521, 2531, 2539, 2543, 2549, 2551, 2557, 2579, 2591, 2593, 2609, 2617, 2621, 2633, 2647, 2657, 2659, 2663, 2671, 2677, 2683, 2687, 2689, 2693, 2699, 2707, 2711, 2713, 2719, 2729, 2731, 2741, 2749, 2753, 2767, 2777, 2789, 2791, 2797, 2801, 2803, 2819, 2833, 2837, 2843, 2851, 2857, 2861, 2879, 2887, 2897, 2903, 2909, 2917, 2927, 2939, 2953, 2957, 2963, 2969, 2971, 2999, 3001, 3011, 3019, 3023, 3037, 3041, 3049, 3061, 3067, 3079, 3083, 3089, 3109, 3119, 3121, 3137, 3163, 3167, 3169, 3181, 3187, 3191, 3203, 3209, 3217, 3221, 3229, 3251, 3253, 3257, 3259, 3271, 3299, 3301, 3307, 3313, 3319, 3323, 3329, 3331, 3343, 3347, 3359, 3361, 3371, 3373, 3389, 3391, 3407, 3413, 3433, 3449, 3457, 3461, 3463, 3467, 3469, 3491, 3499, 3511, 3517, 3527, 3529, 3533, 3539, 3541, 3547, 3557, 3559, 3571, 3581, 3583, 3593, 3607, 3613, 3617, 3623, 3631, 3637, 3643, 3659, 3671, 3673, 3677, 3691, 3697, 3701, 3709, 3719, 3727, 3733, 3739, 3761, 3767, 3769, 3779, 3793, 3797, 3803, 3821, 3823, 3833, 3847, 3851, 3853, 3863, 3877, 3881, 3889, 3907, 3911, 3917, 3919, 3923, 3929, 3931, 3943, 3947, 3967, 3989
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thread31:0.00233260ms  
最长时间: 0.0447871ms
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8000:

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primes found:2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97, 101, 103, 107, 109, 113, 127, 131, 137, 139, 149, 151, 157, 163, 167, 173, 179, 181, 191, 193, 197, 199, 211, 223, 227, 229, 233, 239, 241, 251, 257, 263, 269, 271, 277, 281, 283, 293, 307, 311, 313, 317, 331, 337, 347, 349, 353, 359, 367, 373, 379, 383, 389, 397, 401, 409, 419, 421, 431, 433, 439, 443, 449, 457, 461, 463, 467, 479, 487, 491, 499, 503, 509, 521, 523, 541, 547, 557, 563, 569, 571, 577, 587, 593, 599, 601, 607, 613, 617, 619, 631, 641, 643, 647, 653, 659, 661, 673, 677, 683, 691, 701, 709, 719, 727, 733, 739, 743, 751, 757, 761, 769, 773, 787, 797, 809, 811, 821, 823, 827, 829, 839, 853, 857, 859, 863, 877, 881, 883, 887, 907, 911, 919, 929, 937, 941, 947, 953, 967, 971, 977, 983, 991, 997, 1009, 1013, 1019, 1021, 1031, 1033, 1039, 1049, 1051, 1061, 1063, 1069, 1087, 1091, 1093, 1097, 1103, 1109, 1117, 1123, 1129, 1151, 1153, 1163, 1171, 1181, 1187, 1193, 1201, 1213, 1217, 1223, 1229, 1231, 1237, 1249, 1259, 1277, 1279, 1283, 1289, 1291, 1297, 1301, 1303, 1307, 1319, 1321, 1327, 1361, 1367, 1373, 1381, 1399, 1409, 1423, 1427, 1429, 1433, 1439, 1447, 1451, 1453, 1459, 1471, 1481, 1483, 1487, 1489, 1493, 1499, 1511, 1523, 1531, 1543, 1549, 1553, 1559, 1567, 1571, 1579, 1583, 1597, 1601, 1607, 1609, 1613, 1619, 1621, 1627, 1637, 1657, 1663, 1667, 1669, 1693, 1697, 1699, 1709, 1721, 1723, 1733, 1741, 1747, 1753, 1759, 1777, 1783, 1787, 1789, 1801, 1811, 1823, 1831, 1847, 1861, 1867, 1871, 1873, 1877, 1879, 1889, 1901, 1907, 1913, 1931, 1933, 1949, 1951, 1973, 1979, 1987, 1993, 1997, 1999, 2003, 2011, 2017, 2027, 2029, 2039, 2053, 2063, 2069, 2081, 2083, 2087, 2089, 2099, 2111, 2113, 2129, 2131, 2137, 2141, 2143, 2153, 2161, 2179, 2203, 2207, 2213, 2221, 2237, 2239, 2243, 2251, 2267, 2269, 2273, 2281, 2287, 2293, 2297, 2309, 2311, 2333, 2339, 2341, 2347, 2351, 2357, 2371, 2377, 2381, 2383, 2389, 2393, 2399, 2411, 2417, 2423, 2437, 2441, 2447, 2459, 2467, 2473, 2477, 2503, 2521, 2531, 2539, 2543, 2549, 2551, 2557, 2579, 2591, 2593, 2609, 2617, 2621, 2633, 2647, 2657, 2659, 2663, 2671, 2677, 2683, 2687, 2689, 2693, 2699, 2707, 2711, 2713, 2719, 2729, 2731, 2741, 2749, 2753, 2767, 2777, 2789, 2791, 2797, 2801, 2803, 2819, 2833, 2837, 2843, 2851, 2857, 2861, 2879, 2887, 2897, 2903, 2909, 2917, 2927, 2939, 2953, 2957, 2963, 2969, 2971, 2999, 3001, 3011, 3019, 3023, 3037, 3041, 3049, 3061, 3067, 3079, 3083, 3089, 3109, 3119, 3121, 3137, 3163, 3167, 3169, 3181, 3187, 3191, 3203, 3209, 3217, 3221, 3229, 3251, 3253, 3257, 3259, 3271, 3299, 3301, 3307, 3313, 3319, 3323, 3329, 3331, 3343, 3347, 3359, 3361, 3371, 3373, 3389, 3391, 3407, 3413, 3433, 3449, 3457, 3461, 3463, 3467, 3469, 3491, 3499, 3511, 3517, 3527, 3529, 3533, 3539, 3541, 3547, 3557, 3559, 3571, 3581, 3583, 3593, 3607, 3613, 3617, 3623, 3631, 3637, 3643, 3659, 3671, 3673, 3677, 3691, 3697, 3701, 3709, 3719, 3727, 3733, 3739, 3761, 3767, 3769, 3779, 3793, 3797, 3803, 3821, 3823, 3833, 3847, 3851, 3853, 3863, 3877, 3881, 3889, 3907, 3911, 3917, 3919, 3923, 3929, 3931, 3943, 3947, 3967, 3989, 4001, 4003, 4007, 4013, 4019, 4021, 4027, 4049, 4051, 4057, 4073, 4079, 4091, 4093, 4099, 4111, 4127, 4129, 4133, 4139, 4153, 4157, 4159, 4177, 4201, 4211, 4217, 4219, 4229, 4231, 4241, 4243, 4253, 4259, 4261, 4271, 4273, 4283, 4289, 4297, 4327, 4337, 4339, 4349, 4357, 4363, 4373, 4391, 4397, 4409, 4421, 4423, 4441, 4447, 4451, 4457, 4463, 4481, 4483, 4493, 4507, 4513, 4517, 4519, 4523, 4547, 4549, 4561, 4567, 4583, 4591, 4597, 4603, 4621, 4637, 4639, 4643, 4649, 4651, 4657, 4663, 4673, 4679, 4691, 4703, 4721, 4723, 4729, 4733, 4751, 4759, 4783, 4787, 4789, 4793, 4799, 4801, 4813, 4817, 4831, 4861, 4871, 4877, 4889, 4903, 4909, 4919, 4931, 4933, 4937, 4943, 4951, 4957, 4967, 4969, 4973, 4987, 4993, 4999, 5003, 5009, 5011, 5021, 5023, 5039, 5051, 5059, 5077, 5081, 5087, 5099, 5101, 5107, 5113, 5119, 5147, 5153, 5167, 5171, 5179, 5189, 5197, 5209, 5227, 5231, 5233, 5237, 5261, 5273, 5279, 5281, 5297, 5303, 5309, 5323, 5333, 5347, 5351, 5381, 5387, 5393, 5399, 5407, 5413, 5417, 5419, 5431, 5437, 5441, 5443, 5449, 5471, 5477, 5479, 5483, 5501, 5503, 5507, 5519, 5521, 5527, 5531, 5557, 5563, 5569, 5573, 5581, 5591, 5623, 5639, 5641, 5647, 5651, 5653, 5657, 5659, 5669, 5683, 5689, 5693, 5701, 5711, 5717, 5737, 5741, 5743, 5749, 5779, 5783, 5791, 5801, 5807, 5813, 5821, 5827, 5839, 5843, 5849, 5851, 5857, 5861, 5867, 5869, 5879, 5881, 5897, 5903, 5923, 5927, 5939, 5953, 5981, 5987, 6007, 6011, 6029, 6037, 6043, 6047, 6053, 6067, 6073, 6079, 6089, 6091, 6101, 6113, 6121, 6131, 6133, 6143, 6151, 6163, 6173, 6197, 6199, 6203, 6211, 6217, 6221, 6229, 6247, 6257, 6263, 6269, 6271, 6277, 6287, 6299, 6301, 6311, 6317, 6323, 6329, 6337, 6343, 6353, 6359, 6361, 6367, 6373, 6379, 6389, 6397, 6421, 6427, 6449, 6451, 6469, 6473, 6481, 6491, 6521, 6529, 6547, 6551, 6553, 6563, 6569, 6571, 6577, 6581, 6599, 6607, 6619, 6637, 6653, 6659, 6661, 6673, 6679, 6689, 6691, 6701, 6703, 6709, 6719, 6733, 6737, 6761, 6763, 6779, 6781, 6791, 6793, 6803, 6823, 6827, 6829, 6833, 6841, 6857, 6863, 6869, 6871, 6883, 6899, 6907, 6911, 6917, 6947, 6949, 6959, 6961, 6967, 6971, 6977, 6983, 6991, 6997, 7001, 7013, 7019, 7027, 7039, 7043, 7057, 7069, 7079, 7103, 7109, 7121, 7127, 7129, 7151, 7159, 7177, 7187, 7193, 7207, 7211, 7213, 7219, 7229, 7237, 7243, 7247, 7253, 7283, 7297, 7307, 7309, 7321, 7331, 7333, 7349, 7351, 7369, 7393, 7411, 7417, 7433, 7451, 7457, 7459, 7477, 7481, 7487, 7489, 7499, 7507, 7517, 7523, 7529, 7537, 7541, 7547, 7549, 7559, 7561, 7573, 7577, 7583, 7589, 7591, 7603, 7607, 7621, 7639, 7643, 7649, 7669, 7673, 7681, 7687, 7691, 7699, 7703, 7717, 7723, 7727, 7741, 7753, 7757, 7759, 7789, 7793, 7817, 7823, 7829, 7841, 7853, 7867, 7873, 7877, 7879, 7883, 7901, 7907, 7919, 7927, 7933, 7937, 7949, 7951, 7963, 7993
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thread44:0.00233260ms  
最长时间: 1.06556ms
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(以下开始因找到的质数过多只截图最大的那一部分)

16000: (因找到的质数过多只截图最大的那一部分):

31, 10837, 10847, 10853, 10859, 10861, 10867, 10883, 10889, 10891, 10903, 10909, 10937, 10939, 10949, 10957, 10973, 10979, 10987, 10993, 11003, 11027, 11047, 11057, 11059, 11069, 11071, 11083, 11087, 11093, 11113, 11117, 11119, 11131, 11149, 11159, 11161, 11171, 11173, 11177, 11197, 11213, 11239, 11243, 11251, 11257, 11261, 11273, 11279, 11287, 11299, 11311, 11317, 11321, 11329, 11351, 11353, 11369, 11383, 11393, 11411, 11411, 11423, 11437, 11443, 11447, 11467, 11471, 11483, 11489, 11491, 11497, 11503, 11519, 11527, 11549, 11551, 11579, 11587, 11593, 11617, 11621, 11633, 11657, 11677, 11681, 11689, 11699, 11701, 11717, 11719, 11731, 11743, 11777, 11779, 11783, 11789, 11801, 11807, 11821, 11827, 11831, 11833, 11839, 11863, 11867, 11887, 11897, 11903, 11909, 11923, 11927, 11933, 11939, 11941, 11953, 11959, 11969, 11981, 11981, 11987, 12007, 12011, 12037, 12041, 12043, 12049, 12071, 12073, 12097, 12101, 12107, 12109, 12113, 12119, 12143, 12149, 12157, 12163, 12197, 12203, 12211, 12227, 12239, 12241, 12251, 12253, 12263, 12269, 12277, 12281, 12289, 12301, 12323, 12329, 12343, 12347, 12377, 12379, 12391, 12401, 12409, 12413, 12421, 12433, 12437, 12451, 12457, 12473, 12479, 12487, 12491, 12497, 12503, 12511, 12517, 12539, 12541, 12547, 12553, 12569, 12577, 12583, 12589, 12601, 12611, 12613, 12619, 12637, 12641, 12647, 12653, 12659, 12671, 12689, 12703, 12713, 12721, 12739, 12743, 12757, 12763, 12781, 12791, 12799, 12809, 12821, 12823, 12829, 12841, 12853, 12889, 12893, 12899, 12917, 12911, 12917, 12919, 12923, 12941, 12953, 12959, 12967, 12973, 12979, 12983, 13001, 13003, 13007, 13009, 13033, 13037, 13043, 13049, 13063, 13093, 13099, 13103, 13109, 13121, 13127, 13147, 13151, 13159, 13163, 13171, 13177, 13183, 13187, 13217, 13219, 13229, 13241, 13249, 13263, 13267, 13291, 13297, 13309, 13313, 13327, 13331, 13337, 13339, 13367, 13381, 13397, 13399, 13411, 13417, 13421, 13441, 13451, 13457, 13463, 13469, 13477, 13487, 13499, 13513, 13523, 13537, 13553, 13567, 13577, 13591, 13597, 13613, 13619, 13627, 13633, 13649, 13669, 13679, 13687, 13691, 13693, 13697, 13709, 13711, 13721, 13723, 13729, 13751, 13757, 13759, 13763, 13781, 13789, 13799, 13807, 13829, 13831, 13859, 13873, 13877, 13879, 13883, 13901, 13903, 13907, 13913, 13921, 13931, 13933, 13963, 13967, 13997, 13999, 14009, 14011, 14029, 14031, 14051, 14057, 14071, 14081, 14083, 14087, 14107, 14143, 14149, 14153, 14159, 14173, 14177, 14197, 14207, 14221, 14243, 14249, 14251, 14293, 14303, 14321, 14323, 14327, 14341, 14347, 14369, 14387, 14389, 14401, 14407, 14411, 14419, 14423, 14431, 14437, 14447, 14449, 14479, 14489, 14503, 14519, 14533, 14537, 14543, 14549, 14551, 14557, 14561, 14563, 14591, 14593, 14621, 14627, 14629, 14633, 14639, 14657, 14669, 14683, 14699, 14713, 14717, 14723, 14731, 14737, 14741, 14747, 14753, 14759, 14767, 14771, 14779, 14783, 14797, 14813, 14827, 14831, 14843, 14851, 14867, 14869, 14879, 14887, 14891, 14897, 14923, 14929, 14939, 14947, 14951, 14957, 14969, 14983, 15013, 15031, 15053, 15061, 15073, 15077, 15083, 15091, 15101, 15107, 15121, 15131, 15137, 15139, 15149, 15161, 15173, 15187, 15193, 15199, 15217, 15227, 15233, 15241, 15259, 15263, 15269, 15271, 15277, 15287, 15289, 15299, 15307, 15313, 15319, 15329, 15331, 15349, 15359, 15361, 15373, 15377, 15383, 15391, 15401, 15413, 15427, 15439, 15443, 15451, 15461, 15467, 15473, 15493, 15497, 15511, 15527, 15541, 15551, 15559, 15579, 15581, 15583, 15601, 15607, 15619, 15629, 15641, 15643, 15647, 15649, 15661, 15667, 15671, 15679, 15683, 15727, 15731, 15733, 15737, 15757, 15759, 15749, 15761, 15767, 15773, 15787, 15791, 15797, 15803, 15809, 15817, 15823, 15859, 15877, 15881, 15887, 15889, 15901, 15907, 15913, 15919, 15923, 15937, 15959, 15971, 15973, 15991

Thread#0.00313220ms
最长时间：0.0751117ms

32000: (因找到的质数过多只截图最大的那一部分):

51, 25969, 25981, 25997, 25999, 26003, 26017, 26021, 26029, 26041, 26053, 26083, 26099, 26107, 26111, 26113, 26119, 26141, 26153, 26161, 26171, 26177, 26183, 26189, 26203, 26209, 26227, 26237, 26249, 26251, 26261, 26263, 26267, 26293, 26297, 26309, 26317, 26321, 26339, 26347, 26371, 26387, 26393, 26399, 26407, 26417, 26423, 26431, 26437, 26449, 26459, 26479, 26489, 26497, 26501, 26513, 26539, 26557, 26561, 26573, 26591, 26597, 26627, 26633, 26641, 26647, 26669, 26681, 26683, 26687, 26693, 26699, 26701, 26711, 26713, 26717, 26723, 26729, 26731, 26737, 26759, 26777, 26783, 26801, 26813, 26821, 26833, 26839, 26849, 26861, 26863, 26879, 26881, 26891, 26893, 26903, 26921, 26927, 26947, 26951, 26953, 26959, 26981, 26987, 26993, 27011, 27017, 27031, 27043, 27059, 27061, 27067, 27073, 27077, 27091, 27103, 27107, 27109, 27127, 27143, 27179, 27191, 27197, 27211, 27239, 27241, 27253, 27259, 27271, 27277, 27281, 27283, 27299, 27329, 27337, 27361, 27367, 27397, 27407, 27427, 27431, 27437, 27449, 27457, 27479, 27481, 27487, 27509, 27527, 27529, 27539, 27541, 27551, 27581, 27583, 27611, 27617, 27631, 27653, 27673, 27689, 27691, 27697, 27701, 27733, 27737, 27739, 27743, 27749, 27751, 27763, 27767, 27773, 27779, 27791, 27793, 27799, 27803, 27809, 27817, 27823, 27827, 27847, 27851, 27883, 27893, 27901, 27917, 27919, 27941, 27943, 27947, 27953, 27961, 27967, 27983, 27997, 28001, 28019, 28027, 28031, 28051, 28057, 28069, 28081, 28087, 28097, 28099, 28109, 28111, 28123, 28151, 28163, 28181, 28183, 28201, 28211, 28219, 28229, 28277, 28279, 28283, 28289, 28297, 28307, 28309, 28319, 28349, 28351, 28387, 28393, 28403, 28409, 28411, 28429, 28433, 28439, 28443, 28463, 28477, 28493, 28499, 28513, 28517, 28537, 28541, 28547, 28549, 28559, 28571, 28573, 28579, 28591, 28597, 28603, 28607, 28619, 28627, 28631, 28643, 28649, 28657, 28661, 28663, 28669, 28687, 28697, 28703, 28711, 28723, 28729, 28751, 28753, 28759, 28771, 28789, 28797, 28807, 28813, 28817, 28837, 28843, 28859, 28867, 28871, 28879, 28901, 28909, 28921, 28927, 28933, 28949, 28961, 28979, 29009, 29017, 29023, 29027, 29033, 29059, 29063, 29077, 29101, 29123, 29129, 29131, 29137, 29147, 29153, 29167, 29173, 29179, 29191, 29201, 29207, 29213, 29221, 29231, 29243, 29251, 29269, 29287, 29297, 29303, 29311, 29327, 29333, 29339, 29347, 29363, 29383, 29387, 29389, 29399, 29401, 29411, 29423, 29429, 29437, 29443, 29453, 29473, 29483, 29501, 29527, 29531, 29537, 29567, 29569, 29573, 29581, 29587, 29599, 29611, 29629, 29631, 29641, 29663, 29669, 29671, 29683, 29717, 29723, 29741, 29753, 29759, 29761, 29789, 29803, 29819, 29833, 29837, 29851, 29863, 29867, 29879, 29881, 29917, 29921, 29927, 29947, 29959, 29983, 29989, 30011, 30013, 30029, 30047, 30059, 30071, 30089, 30091, 30097, 30103, 30107, 30113, 30119, 30133, 30137, 30139, 30161, 30169, 30181, 30187, 30197, 30203, 30211, 30223, 30241, 30253, 30259, 30269, 30271, 30293, 30303, 30313, 30319, 30323, 30341, 30347, 30367, 30389, 30391, 30403, 30427, 30431, 30449, 30467, 30469, 30491, 30493, 30497, 30509, 30517, 30529, 30539, 30557, 30559, 30577, 30593, 30631, 30637, 30643, 30649, 30661, 30671, 30677, 30689, 30697, 30703, 30707, 30713, 30727, 30737, 30763, 30773, 30781, 30803, 30809, 30817, 30829, 30839, 30841, 30851, 30853, 30859, 30869, 30871, 30881, 30893, 30911, 30931, 30937, 30949, 30971, 30977, 30983, 31013, 31019, 31033, 31039, 31051, 31063, 31069, 31079, 31081, 31091, 31121, 31123, 31139, 31147, 31151, 31159, 31159, 31177, 31181, 31183, 31189, 31193, 31219, 31223, 31231, 31237, 31247, 31249, 31253, 31259, 31267, 31271, 31277, 31307, 31319, 31323, 31327, 31333, 31337, 31357, 31379, 31387, 31391, 31393, 31397, 31469, 31477, 31481, 31489, 31511, 31513, 31517, 31531, 31541, 31543, 31557, 31567, 31573, 31583, 31601, 31607, 31627, 31643, 31649, 31657, 31663, 31667, 31687, 31699, 31721, 31723, 31727, 31729, 31741, 31751, 31759, 31771, 31793, 31799, 31817, 31847, 31849, 31859, 31873, 31883, 31891, 31907, 31957, 31963, 31973, 31981, 31991

Thread#0.00419879ms
最长时间：3.3469ms

64000: (因找到的质数过多只截图最大的那一部分):

93, 57803, 57809, 57829, 57839, 57847, 57853, 57859, 57881, 57899, 57901, 57917, 57923, 57943, 57947, 57973, 57977, 57991, 58013, 58027, 580
31, 58043, 58049, 58057, 58061, 58067, 58073, 58099, 58109, 58111, 58129, 58147, 58151, 58153, 58169, 58171, 58189, 58193, 58199, 58207, 582
11, 58217, 58229, 58231, 58237, 58243, 58271, 58309, 58313, 58321, 58337, 58363, 58367, 58369, 58379, 58391, 58393, 58403, 58411, 58417, 584
27, 58439, 58441, 58451, 58453, 58477, 58481, 58511, 58537, 58543, 58549, 58567, 58573, 58579, 58601, 58603, 58613, 58631, 58657, 58661, 586
79, 58687, 58693, 58699, 58711, 58727, 58733, 58741, 58757, 58763, 58771, 58787, 58789, 58831, 58889, 58897, 58901, 58907, 58909, 58913, 589
21, 58937, 58943, 58963, 58967, 58979, 58991, 58997, 59009, 59011, 59021, 59023, 59029, 59051, 59053, 59063, 59069, 59077, 59083, 59093, 591
07, 59113, 59119, 59123, 59141, 59149, 59159, 59167, 59183, 59197, 59207, 59209, 59219, 59221, 59233, 59239, 59243, 59263, 59273, 59281, 593
33, 59341, 59351, 59357, 59359, 59369, 59377, 59387, 59393, 59399, 59407, 59417, 59419, 59441, 59443, 59447, 59453, 59467, 59471, 59473, 594
97, 59509, 59513, 59539, 59557, 59561, 59567, 59581, 59611, 59617, 59621, 59627, 59629, 59651, 59659, 59663, 59669, 59671, 59693, 59699, 597
07, 59723, 59729, 59743, 59747, 59753, 59771, 59779, 59791, 59797, 59809, 59833, 59863, 59879, 59887, 59921, 59929, 59951, 59957, 59971, 599
81, 59999, 60013, 60017, 60029, 60037, 60041, 60077, 60083, 60089, 60091, 60101, 60103, 60107, 60127, 60133, 60139, 60149, 60161, 60167, 601
69, 60209, 60217, 60223, 60251, 60257, 60259, 60271, 60289, 60293, 60317, 60331, 60337, 60343, 60353, 60373, 60383, 60397, 60413, 60427, 604
43, 60449, 60457, 60493, 60497, 60509, 60521, 60527, 60539, 60589, 60601, 60607, 60611, 60617, 60623, 60631, 60637, 60647, 60649, 60659, 606
61, 60679, 60689, 60703, 60719, 60727, 60733, 60737, 60757, 60761, 60763, 60773, 60779, 60793, 60811, 60821, 60859, 60869, 60887, 60889, 608
99, 60901, 60913, 60917, 60919, 60923, 60937, 60943, 60953, 60961, 61001, 61007, 61027, 61031, 61043, 61051, 61057, 61091, 61099, 61121, 611
29, 61141, 61151, 61153, 61169, 61211, 61223, 61231, 61253, 61261, 61283, 61291, 61297, 61331, 61333, 61339, 61343, 61357, 61363, 61379, 613
81, 61403, 61409, 61417, 61441, 61463, 61469, 61471, 61483, 61487, 61493, 61507, 61511, 61519, 61543, 61547, 61553, 61559, 61561, 61583, 616
03, 61609, 61613, 61627, 61631, 61637, 61643, 61651, 61657, 61667, 61673, 61681, 61687, 61703, 61717, 61723, 61729, 61751, 61757, 61781, 618
13, 61819, 61837, 61843, 61861, 61871, 61879, 61909, 61927, 61933, 61949, 61961, 61967, 61979, 61981, 61987, 61991, 62003, 62011, 62017, 620
39, 62047, 62053, 62057, 62071, 62081, 62099, 62119, 62129, 62131, 62137, 62141, 62143, 62171, 62189, 62191, 62201, 62207, 62213, 62219, 622
33, 62273, 62297, 62299, 62303, 62311, 62323, 62327, 62347, 62351, 62383, 62401, 62417, 62423, 62459, 62467, 62473, 62477, 62483, 62497, 625
01, 62507, 62533, 62539, 62549, 62563, 62581, 62591, 62597, 62603, 62617, 62627, 62633, 62639, 62653, 62659, 62663, 62687, 62701, 62723, 627
31, 62743, 62753, 62761, 62773, 62791, 62801, 62819, 62827, 62851, 62861, 62869, 62873, 62897, 62903, 62921, 62927, 62929, 62939, 62969, 629
71, 62981, 62983, 62987, 62989, 63029, 63031, 63059, 63067, 63073, 63079, 63097, 63103, 63113, 63127, 63131, 63149, 63179, 63197, 63199, 632
11, 63241, 63247, 63277, 63281, 63299, 63311, 63313, 63317, 63331, 63337, 63347, 63353, 63361, 63367, 63377, 63389, 63391, 63397, 63409, 634
19, 63421, 63439, 63443, 63463, 63467, 63473, 63487, 63493, 63499, 63521, 63527, 63533, 63541, 63559, 63577, 63587, 63589, 63599, 63601, 636
07, 63611, 63617, 63629, 63647, 63649, 63659, 63667, 63671, 63689, 63691, 63697, 63703, 63709, 63719, 63727, 63737, 63743, 63761, 63773, 637
81, 63793, 63799, 63803, 63809, 63823, 63839, 63841, 63853, 63857, 63863, 63901, 63907, 63913, 63929, 63949, 63977, 63997

Thread: 0.0088041ms
最长时间: 0.111968ms

128000: (因找到的质数过多只截图最大的那一部分):

22609, 122611, 122651, 122653, 122663, 122693, 122701, 122719, 122741, 122743, 122753, 122761, 122777, 122789, 122819, 122827, 122833, 12
2839, 122849, 122861, 122867, 122869, 122887, 122891, 122921, 122929, 122939, 122953, 122957, 122963, 122971, 123001, 123007, 123017, 123
031, 123049, 123059, 123077, 123083, 123091, 123113, 123121, 123127, 123143, 123169, 123191, 123203, 123209, 123217, 123229, 123239, 1232
59, 123269, 123289, 123307, 123311, 123323, 123341, 123373, 123377, 123379, 123397, 123401, 123407, 123419, 123427, 123433, 123439, 12344
9, 123457, 123479, 123491, 123493, 123499, 123503, 123517, 123527, 123547, 123551, 123553, 123558, 123583, 123593, 123601, 123619, 123631
1, 123637, 123653, 123661, 123667, 123677, 123701, 123707, 123719, 123727, 123731, 123733, 123737, 123757, 123787, 123791, 123803, 123817,
123821, 123829, 123833, 123853, 123863, 123887, 123911, 123923, 123931, 123941, 123953, 123973, 123979, 123983, 123989, 123997, 124001, 1
24021, 124067, 124087, 124097, 124121, 124123, 124133, 124139, 124147, 124153, 124171, 124181, 124183, 124199, 124213, 124231, 12
4247, 124249, 124277, 124291, 124297, 124301, 124303, 124309, 124337, 124339, 124343, 124349, 124351, 124363, 124367, 124427, 124429, 124
433, 124447, 124459, 124471, 124477, 124489, 124493, 124513, 124529, 124541, 124543, 124561, 124567, 124577, 124601, 124633, 124643, 1246
69, 124673, 124679, 124693, 124699, 124703, 124717, 124721, 124739, 124753, 124759, 124769, 124771, 124777, 124781, 124783, 124793, 12479
9, 124819, 124823, 124847, 124853, 124897, 124907, 124909, 124919, 124951, 124979, 124981, 124987, 124991, 125003, 125017, 125029, 125053
1, 125063, 125093, 125101, 125107, 125113, 125117, 125119, 125131, 125141, 125149, 125183, 125197, 125201, 125207, 125219, 125221, 125231,
125243, 125261, 125269, 125287, 125299, 125303, 125311, 125329, 125339, 125353, 125371, 125383, 125387, 125399, 125407, 125423, 125429, 1
25441, 125453, 125471, 125497, 125507, 125509, 125527, 125539, 125551, 125591, 125597, 125617, 125621, 125627, 125639, 125641, 125651, 12
5659, 125669, 125683, 125687, 125693, 125707, 125711, 125717, 125731, 125737, 125743, 125753, 125777, 125789, 125791, 125803, 125813, 125
821, 125863, 125887, 125897, 125899, 125921, 125927, 125929, 125933, 125941, 125959, 125963, 126001, 126011, 126013, 126019, 126023, 1260
31, 126037, 126041, 126047, 126067, 126079, 126097, 126107, 126127, 126131, 126143, 126151, 126173, 126199, 126211, 126223, 126227, 12622
9, 126233, 126241, 126257, 126271, 126307, 126311, 126317, 126323, 126337, 126341, 126349, 126359, 126397, 126421, 126433, 126443, 126457
1, 126461, 126473, 126481, 126487, 126491, 126493, 126499, 126517, 126541, 126547, 126551, 126583, 126601, 126611, 126613, 126631, 126641,
126653, 126683, 126691, 126703, 126713, 126719, 126733, 126739, 126793, 126843, 126751, 126757, 126761, 126781, 126823, 126827, 126839, 126851, 1
26857, 126859, 126913, 126923, 126943, 126949, 126961, 126967, 126989, 127031, 127033, 127037, 127051, 127079, 127081, 127103, 127123, 12
7133, 127139, 127157, 127163, 127189, 127207, 127217, 127219, 127241, 127247, 127249, 127261, 127271, 127277, 127289, 127291, 127297, 127
301, 127317, 127331, 127343, 127363, 127373, 127399, 127403, 127423, 127447, 127453, 127481, 127487, 127493, 127507, 127529, 127541, 1275
49, 127579, 127583, 127591, 127597, 127601, 127607, 127609, 127637, 127643, 127649, 127657, 127663, 127669, 127679, 127681, 127691, 12770
3, 127709, 127711, 127717, 127727, 127733, 127739, 127747, 127763, 127781, 127807, 127817, 127819, 127837, 127843, 127849, 127859, 127867
0, 127873, 127877, 127913, 127921, 127931, 127951, 127973, 127979, 127997

Thread: 0.00839130ms
最长时间: 0.827628ms

256000: (因找到的质数过多只截图最大的那一部分):

50751, 250753, 250777, 250787, 250793, 250799, 250807, 250813, 250829, 250837, 250841, 250853, 250867, 250871, 250889, 250919, 250949, 25
0951, 250963, 250967, 250969, 250979, 250993, 251003, 251033, 251051, 251057, 251059, 251063, 251071, 251081, 251087, 251099, 251117, 251
143, 251149, 251159, 251171, 251177, 251179, 251191, 251197, 251201, 251203, 251219, 251221, 251231, 251233, 251257, 251261, 251263, 2512
87, 251291, 251297, 251323, 251347, 251353, 251359, 251387, 251393, 251417, 251429, 251431, 251437, 251443, 251467, 251473, 251477, 25148
3, 251491, 251501, 251513, 251519, 251527, 251533, 251539, 251543, 251561, 251567, 251609, 251611, 251621, 251623, 251639, 251653, 251663
0, 251677, 251701, 251707, 251737, 251761, 251789, 251791, 251809, 251831, 251833, 251843, 251857, 251861, 251879, 251887, 251893, 251897,
251903, 251917, 251939, 251941, 251947, 251969, 251971, 251983, 252001, 252013, 252017, 252029, 252037, 252079, 252101, 252139, 252143, 2
52151, 252157, 252163, 252169, 252173, 252181, 252193, 252209, 252223, 252233, 252253, 252277, 252283, 252289, 252293, 252313, 252319, 25
2323, 252341, 252359, 252383, 252391, 252401, 252409, 252419, 252431, 252443, 252449, 252457, 252463, 252481, 252509, 252533, 252541, 252
559, 252583, 252589, 252607, 252611, 252617, 252641, 252667, 252691, 252709, 252713, 252727, 252731, 252737, 252761, 252767, 252779, 2528
17, 252823, 252827, 252829, 252869, 252877, 252881, 252887, 252893, 252899, 252911, 252913, 252919, 252937, 252949, 252971, 252979, 25298
3, 253003, 253013, 253049, 253063, 253081, 253103, 253109, 253133, 253153, 253157, 253159, 253229, 253243, 253247, 253273, 253307, 253321
0, 253343, 253349, 253361, 253367, 253389, 253391, 253417, 253427, 253429, 253433, 253439, 253447, 253469, 253481, 253493, 253501,
253507, 253531, 253537, 253543, 253553, 253567, 253573, 253601, 253607, 253609, 253613, 253633, 253637, 253639, 253651, 253661, 253679, 2
53681, 253703, 253717, 253733, 253741, 253751, 253763, 253769, 253777, 253787, 253789, 253801, 253811, 253819, 253823, 253833, 253867, 25
3871, 253879, 253901, 253907, 253909, 253919, 253937, 253949, 253951, 253969, 253987, 253993, 253999, 254003, 254021, 254027, 254039, 254
041, 254047, 254053, 254071, 254083, 254119, 254141, 254147, 254161, 254179, 254197, 254207, 254209, 254213, 254249, 254257, 254279, 2542
81, 254291, 254299, 254329, 254369, 254377, 254383, 254389, 254407, 254413, 254437, 254447, 254461, 254489, 254491, 254517, 254537, 25455
7, 254593, 254623, 254627, 254647, 254659, 254663, 254699, 254713, 254729, 254731, 254741, 254747, 254753, 254773, 254777, 254783, 254791
0, 254803, 254827, 254831, 254833, 254857, 254869, 254873, 254879, 254887, 254899, 254911, 254927, 254929, 254941, 254959, 254963, 254971,
254977, 254987, 254993, 255007, 255019, 255023, 255043, 255049, 255053, 255071, 255077, 255083, 255097, 255107, 255121, 255127, 255133, 2
55137, 255149, 255173, 255179, 255181, 255191, 255193, 255197, 255209, 255217, 255239, 255247, 255251, 255253, 255259, 255313, 255329, 25
5349, 255361, 255371, 255383, 255413, 255419, 255443, 255457, 255467, 255469, 255473, 255487, 255499, 255503, 255511, 255517, 255523, 255
551, 255571, 255587, 255589, 255613, 255617, 255637, 255641, 255649, 255653, 255659, 255667, 255679, 255709, 255713, 255733, 255743, 2557
57, 255763, 255767, 255803, 255839, 255841, 255847, 255851, 255859, 255869, 255877, 255887, 255907, 255917, 255919, 255923, 255947, 25596
1, 255971, 255973, 255977, 255989

线程最长运行时间: 0.193144ms
最长时间: 0.193144ms

512000: (因找到的质数过多只截图最大的那一部分):

506083, 506101, 506113, 506119, 506131, 506147, 506171, 506173, 506183, 506201, 506213, 506251, 506263, 506269, 506281, 506291, 506327, 506329, 506333, 506339, 506347, 506351, 506357, 506381, 506393, 506417, 506423, 506449, 506459, 506461, 506479, 506491, 506501, 506507, 506531, 506533, 506537, 506551, 506563, 506573, 506591, 506593, 506599, 506609, 506629, 506647, 506663, 506683, 506687, 506689, 506699, 506729, 506731, 506743, 506773, 506783, 506791, 506797, 506809, 506837, 506843, 506861, 506873, 506887, 506893, 506899, 506903, 506911, 506929, 506941, 506963, 506983, 506993, 506999, 507029, 507049, 507071, 507077, 507079, 507103, 507109, 507113, 507119, 507137, 507139, 507149, 507151, 507163, 507193, 507197, 507217, 507289, 507301, 507313, 507317, 507329, 507347, 507349, 507359, 507361, 507371, 507383, 507401, 507421, 507431, 507461, 507491, 507497, 507499, 507503, 507523, 507557, 507571, 507589, 507593, 507599, 507607, 507631, 507641, 507667, 507673, 507691, 507697, 507713, 507719, 507743, 507757, 507779, 507781, 507797, 507803, 507809, 507821, 507827, 507839, 507883, 507901, 507907, 507917, 507919, 507937, 507953, 507961, 507971, 507979, 508009, 508019, 508021, 508033, 508037, 508073, 508087, 508091, 508097, 508103, 508129, 508159, 508171, 508187, 508213, 508223, 508229, 508237, 508243, 508259, 508271, 508273, 508297, 508301, 508327, 508331, 508349, 508363, 508367, 508373, 508393, 508433, 508439, 508451, 508471, 508477, 508489, 508499, 508513, 508517, 508531, 508549, 508559, 508567, 508577, 508579, 508583, 508619, 508621, 508637, 508643, 508661, 508663, 508693, 508709, 508727, 508771, 508789, 508799, 508811, 508817, 508841, 508847, 508867, 508901, 508903, 508909, 508913, 508919, 508931, 508943, 508951, 508957, 508961, 508969, 508973, 508987, 509023, 509027, 509053, 509063, 509071, 509087, 509101, 509123, 509137, 509147, 509149, 509203, 509221, 509227, 509239, 509263, 509281, 509287, 509293, 509297, 509317, 509329, 509359, 509363, 509389, 509393, 509413, 509417, 509429, 509441, 509449, 509477, 509513, 509521, 509543, 509549, 509557, 509563, 509569, 509573, 509581, 509591, 509603, 509623, 509633, 509647, 509653, 509659, 509681, 509687, 509689, 509693, 509699, 509723, 509731, 509737, 509741, 509767, 509783, 509797, 509801, 509833, 509837, 509843, 509863, 509867, 509879, 509909, 509911, 509921, 509939, 509947, 509959, 509963, 509989, 510007, 510031, 510047, 510049, 510061, 510067, 510073, 510077, 510079, 510089, 510101, 510121, 510127, 510137, 510157, 510179, 510199, 510203, 510217, 510227, 510233, 510241, 510247, 510253, 510271, 510287, 510299, 510311, 510319, 510331, 510361, 510379, 510383, 510401, 510403, 510449, 510451, 510457, 510463, 510481, 510529, 510551, 510553, 510569, 510581, 510583, 510589, 510611, 510613, 510617, 510619, 510677, 510683, 510691, 510707, 510709, 510751, 510767, 510773, 510793, 510803, 510817, 510823, 510827, 510847, 510889, 510907, 510919, 510931, 510941, 510943, 510989, 511001, 511013, 511019, 511033, 511039, 511057, 511061, 511087, 511109, 511111, 511123, 511151, 511153, 511163, 511169, 511171, 511177, 511193, 511201, 511211, 511213, 511223, 511237, 511243, 511261, 511279, 511289, 511297, 511327, 511333, 511337, 511351, 511361, 511387, 511391, 511409, 511417, 511439, 511447, 511453, 511457, 511463, 511477, 511487, 511507, 511519, 511523, 511541, 511549, 511559, 511573, 511579, 511583, 511591, 511603, 511627, 511631, 511633, 511669, 511691, 511703, 511711, 511723, 511757, 511787, 511793, 511801, 511811, 511831, 511843, 511859, 511867, 511873, 511891, 511897, 511909, 511933, 511939, 511961, 511963, 511991, 511997

线程最长运行时间: 0.243996ms
最长时间: 0.243996ms

总结:

可见在处理数据按指数增长时, 线程最长运行时间虽然有所增长, 但也不是也按指数增长的, 这是因为该程序在某种程度上已经实现了并行化了。线程最长运行时间的增长主要是在线程数增多后, 各线程通信耗费时间增加等原因造成的。