

GROUP 3	BSCS-3B-M
PARALLEL AND DISTRIBUTE COMP.	10/17/23

Members: Agullo, Marasigan, Navale, Gabaon

Activity 2 (Output) - Parallel Programming in a Shared-Memory System

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C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19045.3570]
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D:\TUP SCHOOLWORKS\3rd Year\ACTIVITIES\1ST SEM\PARALLEL AND DISTRIBUTED COMPUTING\Group-Act-2> py group3-act2.py
==== PRIME NUMBER CALCULATOR USING MULTI-THREADING ====

Enter the start number: 1
Enter the end number: 100000
Enter number of threads: 4

Array of prime numbers:
[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, 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, 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, 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3973, 3977, 3979, 3981, 3983, 3987, 3989, 3991, 3993, 3997, 3999, 4001, 4003, 4007, 4009, 4011, 4013, 4017, 4019, 4021, 4023, 4027, 4029, 4031, 4033, 4037, 4039, 4041, 4043, 4047, 4049, 4051, 4053, 4057, 4059, 4061, 4063, 4067, 4069, 4071, 4073, 4077, 4079, 4081, 4083, 4087, 4089, 4091, 4093, 4097, 4099, 4101, 4103, 4107, 4109, 4111, 4113, 4117, 4119, 4121, 4123, 4127, 4129, 4131, 4133, 4137, 4139, 4141, 4143, 4147, 4149, 4151, 4153, 4157, 4159, 4161, 4163, 4167, 4169, 4171, 4173, 4177, 4179, 4181, 4183, 4187, 4189, 4191, 4193, 4197, 4199, 4201, 4203, 4207, 4209, 4211, 4213, 4217, 4219, 4221, 4223, 4227, 4229, 4231, 4233, 4237, 4239, 4241, 4243, 4247, 4249, 4251, 4253, 4257, 4259, 4261, 4263, 4267, 4269, 4271, 4273, 4277, 4279, 4281, 4283, 4287, 4289, 4291, 4293, 4297, 4299, 4301, 4303, 4307, 4309, 4311, 4313, 4317, 4319, 4321, 4323, 4327, 4329, 4331, 4333, 4337, 4339, 4341, 4343, 4347, 4349, 4351, 4353, 4357, 4359, 4361, 4363, 4367, 4369, 4371, 4373, 4377, 4379, 4381, 4383, 4387, 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