

\*\*\* n=100

InpType1

Input1 (average)= [541, 65, 497, 993, 1, 654, 588, 263, 970, 44, 142, 990, 360, 53, 641, 631, 340, 225, 967, 493, 817, 313, 891, 129, 284, 944, 588, 528, 339, 601, 356, 889, 426, 33, 666, 260, 960, 717, 102, 851, 107, 50, 377, 719, 124, 701, 135, 222, 526, 674, 55, 377, 244, 721, 876, 117, 769, 336, 10, 25, 905, 692, 463, 504, 526, 616, 122, 130, 629, 514, 597, 413, 374, 584, 46, 760, 830, 93, 548, 111, 982, 833, 103, 870, 291, 272, 143, 340, 701, 394, 407, 96, 324, 964, 974, 906, 324, 289, 405, 948]

Input2 (average)= [610, 538, 385, 813, 961, 81, 677, 913, 14, 81, 449, 971, 555, 207, 503, 842, 225, 702, 630, 72, 76, 429, 184, 13, 162, 6, 170, 211, 510, 89, 754, 890, 591, 697, 473, 383, 270, 868, 367, 785, 835, 170, 160, 521, 521, 638, 8, 964, 86, 953, 131, 177, 751, 94, 565, 862, 448, 995, 663, 442, 972, 827, 600, 6, 692, 96, 576, 581, 588, 395, 265, 528, 253, 247, 120, 732, 977, 712, 605, 526, 180, 733, 785, 450, 702, 654, 644, 961, 702, 111, 708, 620, 392, 553, 335, 425, 46, 280, 418, 802]

Input3 (average)= [344, 271, 979, 685, 601, 228, 520, 759, 104, 710, 185, 492, 440, 209, 195, 37, 547, 630, 550, 406, 948, 280, 621, 625, 726, 840, 275, 404, 821, 856, 887, 121, 243, 982, 73, 767, 538, 856, 907, 615, 61, 77, 451, 730, 894, 408, 682, 840, 866, 0, 14, 313, 490, 810, 970, 360, 602, 703, 903, 943, 84, 719, 901, 198, 628, 702, 480, 523, 985, 723, 362, 843, 855, 253, 195, 264, 568, 57, 71, 339, 473, 909, 197, 598, 849, 824, 149, 511, 286, 577, 120, 963, 80, 934, 56, 961, 764, 261, 332, 485]

Input4 (average)= [981, 803, 822, 686, 110, 297, 808, 572, 786, 452, 112, 962, 789, 272, 914, 385, 228, 910, 889, 671, 617, 191, 992, 148, 180, 115, 663, 359, 582, 155, 363, 17, 517, 553, 946, 413, 167, 569, 525, 523, 615, 627, 727, 337, 703, 693, 652, 106, 528, 61, 841, 654, 810, 957, 797, 142, 899, 676, 38, 469, 50, 973, 613, 640, 369, 315, 614,

277, 502, 89, 827, 936, 472, 207, 280, 768, 427, 36, 481, 26, 153, 606, 390, 604, 16, 458, 827, 238, 0, 75, 991, 784, 506, 248, 371, 682, 341, 780, 565, 900]

Input5 (average)= [102, 443, 94, 540, 432, 38, 393, 975, 293, 646, 724, 117, 479, 284, 845, 403, 997, 219, 678, 592, 14, 62, 157, 265, 278, 568, 329, 474, 867, 894, 108, 460, 237, 833, 474, 778, 872, 703, 928, 366, 546, 476, 805, 265, 644, 925, 920, 185, 471, 949, 597, 723, 565, 412, 267, 79, 444, 146, 627, 521, 985, 443, 249, 114, 28, 190, 530, 172, 26, 967, 902, 561, 782, 23, 506, 263, 653, 109, 930, 785, 111, 889, 871, 105, 825, 293, 974, 207, 333, 216, 697, 875, 320, 654, 661, 174, 132, 278, 893, 816]

Input (worst)= [5, 12, 22, 31, 37, 67, 66, 97, 107, 114, 123, 128, 131, 62, 139, 142, 146, 161, 167, 171, 173, 203, 236, 272, 272, 274, 305, 319, 323, 336, 343, 359, 314, 366, 374, 382, 393, 324, 402, 411, 425, 442, 465, 488, 496, 503, 508, 560, 569, 580, 583, 597, 597, 611, 616, 618, 630, 631, 634, 643, 652, 655, 661, 687, 717, 718, 721, 734, 746, 761, 762, 764, 770, 775, 778, 784, 790, 794, 795, 795, 809, 819, 821, 834, 847, 852, 865, 870, 874, 904, 905, 909, 915, 934, 939, 955, 978, 985, 987, 995]

Ver1 Average=0.00019998550415039061  
Ver1 Worst=0.0  
Ver2 Average=0.00020084381103515624  
Ver2 Worst=0.0  
Ver3 Average=0.00020122528076171875  
Ver3 Worst=0.0  
Ver4 Average=0.0001987934112548828  
Ver4 Worst=0.0

InpType2

Input1 (average)=[22, 16, 6, 43, 9, 64, 53, 44, 56, 64, 14, 64, 66, 0, 3, 24, 30, 58, 61, 7, 11, 46, 16, 55, 21, 28, 43, 35, 62, 51, 44, 43, 41, 45, 26, 62, 66, 71, 45, 52, 18, 1, 72, 27, 19, 30, 34, 59, 71, 73, 67, 73, 64, 63, 17, 70, 17, 61, 42, 71, 19, 53, 45, 28, 43, 51, 24, 26, 57, 46, 31, 6, 53, 6, 50, 48, 63, 62, 43, 24, 15, 8, 11, 18, 24, 6, 29, 4, 54, 55, 66, 39, 7, 70, 74, 46, 51, 27, 19, 29]

Input2 (average)= [31, 71, 11, 63, 44, 0, 40, 33, 17, 53, 35, 20, 49, 41, 57, 30, 56, 7, 22, 16, 29, 14, 68, 53, 72, 34, 22, 35, 31, 14, 74, 35, 48, 47, 9, 57, 43, 75, 62, 18, 74, 7, 0, 37, 73, 15, 35, 51, 66, 41, 59, 36, 41, 36, 68, 31, 31, 40, 69, 57, 36, 41, 30, 42, 28, 60, 67, 30, 55, 27, 67, 56, 59, 48, 41, 42, 66, 15, 58, 39, 23, 47, 49, 66, 25, 51, 21, 14, 42, 2, 56, 71, 58, 75, 34, 3, 36, 64, 60, 75]

Input3 (average)= [0, 2, 55, 24, 32, 47, 53, 9, 49, 4, 3, 12, 41, 38, 0, 74, 29, 49, 5, 56, 67, 75, 27, 49, 64, 27, 3, 30, 7, 3, 6, 47, 14, 74, 20, 38, 55, 39, 20, 4, 51, 20, 3, 16, 37, 62, 36, 20, 64, 41, 23, 1, 39, 69, 24, 66, 64, 48, 56, 33, 23, 4, 14, 6, 68, 61, 24, 46, 56, 16, 55, 74, 34, 38, 9, 45, 22, 37, 45, 12, 30, 69, 51, 14, 60, 75, 64, 8, 37, 17, 21, 49, 54, 13, 19, 9, 11, 17, 5, 29]

Input4 (average)= [12, 75, 9, 35, 46, 3, 11, 10, 32, 10, 39, 34, 34, 59, 46, 59, 34, 29, 4, 56, 15, 20, 33, 16, 26, 66, 11, 59, 23, 48, 63, 3, 27, 39, 35, 14, 27, 16, 0, 62, 13, 70, 40, 15, 20, 47, 58, 61, 1, 33, 16, 63, 71, 40, 73, 35, 51, 65, 5, 6, 74, 50, 58, 20, 24, 74, 65, 62, 68, 7, 1, 44, 12, 53, 54, 18, 30, 42, 17, 30, 57, 22, 71, 25, 56, 67, 19, 74, 27, 25, 23, 10, 46, 38, 39, 21, 36, 53, 5, 38]

Input5 (average)= [28, 49, 25, 17, 69, 74, 12, 16, 37, 72, 30, 25, 61, 72, 71, 63, 11, 16, 27, 2, 70, 75, 2, 42, 67, 9, 13, 69, 72, 34, 34, 26, 51, 61, 35, 75, 75, 58, 24, 5, 73, 68, 53, 62, 21, 38, 74, 22, 64, 46, 27, 13, 13, 69, 59, 60, 36, 21, 11, 73, 48, 17, 51, 11, 69, 17, 23, 43, 63, 62, 15, 57, 45, 50, 14, 41, 51, 2, 69, 10, 56, 0, 14, 7, 56, 71, 20, 68, 21, 25, 11, 53, 44, 13, 19, 25, 65, 41, 23, 2]

Input (worst)= [0, 1, 1, 1, 1, 1, 1, 2, 3, 4, 6, 6, 6, 7, 7, 7, 8, 10, 10, 12, 13, 15, 15, 16, 18, 19, 19, 19, 20, 24, 24, 25, 25, 29, 31, 31, 33, 33, 35, 35, 36, 36, 37, 39, 39, 39, 40, 41, 42, 42, 42, 43, 44, 45, 47, 47, 47, 47, 48, 50, 50, 51, 51, 52, 53, 53, 54, 54, 54, 55, 56, 56, 57, 57, 57, 58, 58, 58, 59, 61, 61, 61, 61, 62, 63, 64, 64, 65, 65, 65, 66, 66, 67, 68, 70, 73, 74, 74, 75, 75]

Ver1 Average= 0.00019960403442382814  
Ver1 Worst= 0.0  
Ver2 Average= 0.00020003318786621094  
Ver2 Worst= 0.0  
Ver3 Average= 0.00019965171813964843  
Ver3 Worst= 0.0  
Ver4 Average= 0.00020008087158203126  
Ver4 Worst= 0.0

### InpType3

Input1 (average)=[3, 0, 15, 25, 1, 1, 24, 17, 17, 1, 3, 8, 5, 7, 11, 21, 25, 24, 21, 4, 8, 13, 2, 10, 19, 18, 2, 5, 10, 7, 2, 16, 10, 7, 21, 12, 5, 20, 17, 3, 6, 3, 23, 2, 24, 22, 1, 6, 4, 7, 17, 12, 24, 18, 14, 18, 15, 1, 12, 19, 3, 11, 20, 14, 6, 0, 10, 18, 5, 12, 6, 8, 4, 20, 3, 4, 9, 20, 11, 18, 10, 19, 7, 11, 22, 11, 15, 12, 9, 12, 24, 11, 17, 10, 14, 11, 15, 7, 21, 4]  
Input2 (average)= [6, 21, 20, 24, 20, 12, 7, 4, 2, 13, 11, 8, 18, 3, 19, 22, 7, 8, 4, 1, 22, 15, 7, 20, 21, 6, 21, 9, 0, 13, 0, 25, 25, 22, 2, 9, 12, 8, 13, 2, 12, 13, 25, 0, 22, 8, 24, 1, 12, 22, 15, 22, 15, 10, 25, 15, 22, 17, 18, 19, 14, 13, 12, 1, 12, 22, 10, 5, 10, 7, 4, 11, 24, 23, 7, 12, 7, 25, 7, 1, 19, 14, 7, 4, 25, 0, 13, 1, 11, 20, 4, 9, 1, 3, 8, 6, 25, 3, 7, 1]  
Input3 (average)= [24, 17, 14, 15, 11, 10, 6, 5, 0, 21, 12, 21, 25, 0, 6, 20, 14, 11, 25, 14, 10, 21, 21, 23, 19, 24, 5, 16, 7, 13, 13, 14, 12, 9, 18, 1, 6, 1, 8, 8, 13, 4, 7, 7, 11, 19, 23, 13, 25, 12, 21, 6, 6, 7, 7, 12, 21, 14, 3, 23, 3, 13, 17, 15, 22, 5, 19, 20, 3, 7, 11, 10, 2, 9, 23, 20, 9, 25, 24, 4, 3, 3, 22, 4, 0, 3, 2, 15, 7, 21, 10, 22, 13, 11, 5, 20, 2, 18, 13, 4]  
Input4 (average)= [5, 5, 19, 22, 22, 16, 21, 3, 0, 4, 25, 10, 20, 0, 2, 17, 4, 1, 19, 9, 0, 6, 19, 7, 14, 25, 25, 21, 24, 5, 24, 22, 17, 20, 10, 22, 7, 1, 11, 0, 22, 10, 6, 11, 23, 5, 4, 18, 21, 16, 13, 11, 4, 6, 6, 9, 14, 23, 18, 7, 6, 1, 17, 24, 20, 9, 20, 6, 20, 12, 22, 5, 17, 1, 0, 7, 25, 6, 2, 5, 14, 4, 2, 14, 9, 15, 14, 19, 8, 25, 19, 9, 5, 15, 15, 3, 25, 3, 5, 13]  
  
Input5 (average)= [8, 21, 7, 23, 8, 20, 7, 12, 11, 4, 3, 8, 4, 1, 22, 8, 11, 3, 24, 0, 1, 5, 13, 1, 19, 20, 12, 0, 10, 14, 10, 0, 24, 18, 3, 24, 1, 18, 8, 25, 11, 21, 11, 24, 1, 20, 13, 25, 15, 4, 6, 20, 18, 20, 0, 22, 17, 11, 9, 13, 18, 6, 22, 22, 7, 6, 25, 2, 9, 8, 4, 10, 6, 5, 19, 16, 21, 16, 4, 3, 21, 13, 17, 4, 2, 2, 16, 2, 14, 9, 4, 2, 8, 22, 8, 24, 25, 12, 6, 15]

Input (worst)= [0, 0, 1, 1, 1, 2, 2, 3, 3, 3, 3, 3, 4, 5, 5, 5, 5, 5, 5, 5, 6, 6, 6, 6, 7, 7, 8, 8, 8, 8, 8, 8, 9, 9, 9, 10, 10, 10, 10, 10, 10, 10, 10, 10, 11, 11, 11, 11, 12, 12, 12, 12, 13, 13, 13, 13, 14, 14, 14, 15, 15, 15, 15, 15, 16, 16, 17, 17, 18, 18, 18, 18, 18, 18, 19, 19, 19, 19, 19, 20, 20, 20, 20, 20, 21, 21, 21, 21, 22, 22, 22, 22, 23, 23, 24, 24, 24, 24, 25, 25, 25]

Ver1 Average= 0.0003998279571533203  
Ver1 Worst= 0.0  
Ver2 Average= 0.0002045154571533203  
Ver2 Worst= 0.0  
Ver3 Average= 0.0001953601837158203  
Ver3 Worst= 0.0  
Ver4 Average= 0.0  
Ver4 Worst= 0.0

[illegible]

Ver1 Worst= 0.0

Ver2 Worst= 0.0

Ver3 Worst= 0.0

Ver4 Worst= 0.0009903907775878906

\*\*\* n=1000

Repeat all these output with n=1000

## InpType1

Input1 (average)= [25, 1331, 926, 6879, 6307, 9413, 5078, 1574, 3381, 3021, 6095, 9467, 755, 3844, 7845, 7260, 3788, 7209, 3068, 7386, 5571, 1287, 6069, 7230, 8670, 2457, 7402, 22, 2555, 9722, 292, 4952, 1703, 1127, 1875, 8073, 2867, 921, 5675, 4213, 5467, 4717, 6803, 6488, 301, 493, 1901, 5004, 9137, 717, 8845, 9944, 2853, 4212, 5257, 3220, 4866,

6533, 9919, 4916, 5767, 7788, 4885, 1374, 9416, 7214, 7956, 8048, 1351, 8384, 4140, 7057, 2710, 4023, 6382, 1499, 4204, 7232, 7437, 7957, 9386, 7188, 6132, 8848, 131, 3469, 6472, 6154, 536, 248, 5372, 3322, 6598, 7673, 6423, 2069, 3604, 630, 4809, 2890, 3224, 3648, 1535, 1494, 8900, 1423, 1580, 2969, 8600, 6093, 4499, 7511, 4145,

2730, 6167, 7932, 1086, 1947, 9767, 632, 2975, 2576, 2332, 8184, 4026, 4974, 8893, 3739, 4051, 8705, 8800, 8776, 860, 3153, 3605, 962, 9233, 8687, 6382, 588, 5348, 4947, 5746, 245, 4156, 8480, 541, 5878, 9671, 2342, 2926, 9827, 4912, 8256, 3979, 6357, 5727, 5223, 2993, 6950, 3328, 6033, 5518, 3696, 7436, 58, 5667, 7682, 2179, 2545, 385, 1214, 2217, 8019, 7265, 3248, 6052, 3699, 6794, 5172, 646, 5960, 8378, 6731, 4560, 6888, 8767, 7299, 310, 6768, 9578, 1072, 807, 9654, 4700, 5512, 9764, 5330,

5140, 6745, 1566, 7916, 9173, 6819, 8599, 5912, 1112, 1499, 1287, 1430, 7171, 7809, 5746, 947, 5587, 2561, 9367, 6710, 342, 709, 9050, 2305, 8468, 5678, 7762, 3444, 4309, 1638, 2625, 4113, 7858, 8750, 19, 9681, 4636, 6859, 3000, 2254, 6652, 4362, 1179, 5398, 7137, 3397, 3872, 9271, 4214, 9055, 5169, 2054, 2272, 9169, 5472, 6039, 534, 9900, 1132, 9875, 3574, 858, 5831, 683, 8477, 5368, 1869, 4657, 4378, 9155, 3830, 4197, 4756, 1988, 248, 496, 1951, 4815, 6377, 5328, 881, 3795, 1567, 80, 3455, 308, 8532, 2048, 9859, 6965, 7111, 8591, 7638, 5120, 8728, 4106, 3776, 7736, 1875, 5593, 8463, 4440, 8245, 5012, 8908, 5340, 7757, 5655, 4185, 5799, 5287, 5657, 8341,

153, 9641, 8735, 7655, 613, 6802, 7571, 2299, 5716, 7653, 860, 105, 510, 1252, 1988, 2960, 3944, 3183, 7237, 6000, 5096, 9502, 1315, 8764, 5457, 7713, 1173, 9600, 9454, 8759, 9239, 3093, 2999, 8924, 2815, 2270, 6281, 8611, 876, 8866, 5932, 8526, 8804, 2240, 5280, 9489, 9219, 6120, 3500, 463, 4233, 8175, 7928, 5735, 220, 605, 5232, 9454, 2486, 836, 7367, 2907, 6396, 7549, 7465, 7685, 1705, 6009, 6234, 7999, 1913, 1019, 933, 6607, 4949, 8270, 3677, 3936, 7483, 8752, 1043, 9344, 4750, 4210, 6081, 1407, 3269, 3343, 2088, 792, 1604,

8437, 180, 5890, 9742, 8544, 9123, 9956, 4420, 9674, 1407, 5340, 462, 9632, 6540, 6816, 8589, 5258, 5746, 1699, 8981, 4670, 5855,

4801, 4826, 7859, 6217, 3445, 7238, 4321, 8720, 7159, 6312, 9531, 8238, 2260, 5918, 2723, 334, 4702, 4343, 1449, 8178, 3274, 8319, 4651, 7137, 4253, 6488, 2652, 595,

4530, 2173, 8537, 7233, 4669, 6957, 9883, 9627, 8815, 1352, 3971, 2531, 9282, 3098, 3115, 317, 5082, 6104, 9887, 9513, 726, 8126, 8345, 1879, 7256, 931, 1019, 3858, 9228, 1314, 2027, 9225, 2831, 5442, 8731, 9168, 418, 515, 6337, 4919, 6860, 9478, 3794, 6895, 4884, 8451, 2323, 2261, 1371, 2649, 7959, 3248, 3145, 1479, 4071, 5478, 1169, 3293, 2018, 6395, 7094, 8656, 2762, 1173, 3309, 7768, 8807, 6466, 161, 9955, 7154, 1269, 5128, 610, 100, 5582, 4555, 6948, 3357, 2145, 8681, 282, 7436, 9180, 5297, 2826, 693, 8098, 9177, 9683, 7904, 8687, 3751, 3664, 4777, 7671, 1129, 4465, 6789, 7152, 7561, 8189, 1571, 3041, 1244, 7178, 8813, 9740, 5194, 9203, 6476, 8982, 2781, 6352, 1579, 6444, 3893, 6455, 9934, 5693, 8303, 5964, 4752, 2791, 4996, 6540, 5467, 6786, 9059, 6000, 4317, 2173, 3552, 2580, 1043, 4800, 1679, 4962, 5315, 8429,

7900, 1146, 3727, 9042, 4942, 6347, 425, 1777, 8363, 3040, 178, 9487, 1229, 9682, 6757, 6614, 7045, 7487, 2791, 48, 821, 3849, 84, 5683, 6419, 8086, 7689, 915, 6382,

1565, 4932, 8404, 249, 9734, 2014, 1797, 851, 665, 4313, 8400, 8102, 7415, 3465, 7264, 4432, 6564, 9171, 1971, 6572, 6684, 2598, 4768, 7321, 8947, 781, 7547, 8831, 5087, 4532, 5797, 5551, 518, 2611, 7043, 1008, 716, 9614, 67, 1569, 1069, 1871, 811, 3070, 6899, 1790, 7727, 3660, 4737, 7121, 7864, 8067, 3937, 8151, 2659, 5232, 29, 6710, 3902, 9945, 6638, 2655, 5185, 944, 7156, 9971, 9270, 1396, 6677, 4463, 6089, 6241, 8886, 4771, 877, 2291, 6942, 6100, 4616, 9324, 4181, 8223, 355, 6224, 3279, 4160, 2962, 2242, 6044, 3591, 2309, 4664, 2150, 8424, 9299, 2510, 1395, 1004, 7651, 781, 5469, 3960, 6666, 8230, 1818, 2822, 4295, 3498, 4271, 6152, 4963, 4773, 7579, 2185, 9426, 4366, 2199, 3791, 7299, 2143, 9013, 6478, 7843, 5425, 9699, 114, 4572, 5478, 6912, 3093, 4199, 8066, 908, 7254, 6191, 4322, 9283, 1515, 5808, 442, 2378, 2865, 6349, 1105, 603, 5768, 6069, 4460, 5349, 8097, 6908, 8590, 7092, 6985, 2297, 8968, 9884, 5376, 7068, 9961, 2268, 7025, 3485, 7656, 9313, 9001, 497, 2976, 9017, 6294, 5780, 923, 9033, 8944, 3761, 9123, 81, 7577, 3365, 597, 3767, 1056, 6476, 5307, 7000, 2028, 126, 4756, 5050, 3364, 7776, 3561, 5197, 444, 4681, 5330, 3858, 7958,

4898, 3882, 9824, 8098, 3005, 5560, 858, 6349, 4121, 2319, 7012, 8016, 292, 1997, 9704, 2252, 8197, 6413, 5439, 7123, 7615, 9642, 2941, 9701, 4397, 2606, 2400, 5398,

1386, 2681, 8247, 1344, 6215, 79, 9629, 6367, 7229, 9043, 7015, 2572, 9378, 6627, 4446, 6095, 762, 8031, 8825, 2940, 6564, 9886, 9601, 7689, 3858, 4929, 3989, 6939, 6461, 189, 8880, 5597, 3378, 1155, 1893, 3967, 1203, 6575, 1628, 9915, 9459, 8613, 9316, 9139, 7203, 6188, 3323, 4428, 5282, 2607, 1863, 1084, 1070, 8163, 5119, 8499,

1697, 227, 6480, 2902, 8554, 695, 3536, 4967, 4499, 4959, 6107, 7851, 3047, 9661, 2197, 9295, 1646, 8246, 3432, 9760, 8724, 5418, 5944, 5528, 3967, 8688, 2340, 2291,

9189, 2359, 1372, 4391, 1175, 7025, 2988, 3788, 1700, 1748, 8008, 5241, 8514, 9092, 6420, 7994, 4363, 1867, 325, 6062, 5549, 6269, 1926, 6124, 2139, 2760, 387, 4684,

8496, 100, 7297, 1858, 7403, 9806, 3822, 5918, 8790, 7324, 1923, 6189, 3030, 5558, 8085, 9020, 9050, 2551, 458, 3398, 2656, 8943, 7020, 9532, 9571, 6876, 6883, 1179,

4508, 6226, 242, 5124, 3244, 2868, 2706, 8171, 5537, 3261, 452, 9935, 5949]

Input2 (average)= [3133, 1082, 8961, 2737, 2831, 1115, 7347, 4931, 6761, 1547, 6392, 6443, 7381, 4779, 5197, 3783, 682, 8396, 5001, 9583, 1559, 6116, 8147, 5696, 6343, 3126, 7075, 4163, 8693, 6045, 9678, 5691, 6952, 2910, 6945, 728, 2795, 7800, 258, 3843, 6166, 8952, 836, 1977, 7049, 675, 4526, 6046, 6572, 9454, 6196, 6547, 5301, 8697, 5769, 5034,

9079, 1091, 3386, 6995, 2036, 2654, 2944, 3951, 8674, 7738, 6692, 8674, 3903, 1847, 1667, 5765, 9671, 3036, 9464, 7606, 5836, 6489, 7301, 6095, 5612, 9151, 9955, 9538, 3366, 2379, 7469, 6513, 4255, 7623, 3268, 9436, 8851, 9087, 5893, 5244, 2662, 3192, 4971, 20, 8015, 7762, 3132, 8282, 1628, 6003, 599, 8935, 9220, 3729, 287, 9578,

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Ver2 Average= 0.0014057636260986328

Ver2 Worst= 0.0009725093841552734

Ver3 Average= 0.001592540740966797

Ver3 Worst= 0.00103759765625

Ver4 Average= 0.0011999130249023438

Ver4 Worst= 0.0009624958038330078

InpType4











Ver1 Worst= 0.002996683120727539

Ver2 Average= 0.00020022392272949218

Ver2 Worst= 0.0

Ver3 Average= 0.0017951011657714843

Ver3 Worst= 0.0020003318786621094

Ver4 Average= 0.00019965171813964843

Ver4 Worst= 0.0

\*\*\* n=10000

Repeat all these output with n=10000

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Ver1 Worst= 1.5217742919921875

Ver2 Average= 0.024732637405395507

Ver2 Worst= 0.028032779693603516

Ver3 Average= 0.018234872817993165

Ver3 Worst= 0.02142643928527832

Ver4 Average= 0.019362258911132812

Ver4 Worst= 0.016183137893676758

## InpType2

Ver1 Average= 0.01371464729309082  
Ver1 Worst= 1.3532741069793701  
Ver2 Average= 0.02151336669921875  
Ver2 Worst= 0.0211637020111084  
Ver3 Average= 0.020516395568847656  
Ver3 Worst= 0.023737430572509766  
Ver4 Average= 0.018229103088378905  
Ver4 Worst= 0.01450657844543457

## InpType3

Ver1 Average= 0.01368575096130371  
Ver1 Worst= 1.004314661026001  
Ver2 Average= 0.014980077743530273  
Ver2 Worst= 0.013613462448120117  
Ver3 Average= 0.017192268371582033  
Ver3 Worst= 0.016217470169067383  
Ver4 Average= 0.013781881332397461  
Ver4 Worst= 0.012252569198608398

#### InpType4

Ver1 Average= 0.013665080070495605  
Ver1 Worst= 0.014837503433227539  
Ver2 Average= 0.0007711648941040039  
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Ver3 Average= 0.016961991786956787  
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Ver4 Average= 0.0008400082588195801  
Ver4 Worst= 0.0008442401885986328