8, 759, 250, 763, 765, 767, 257, 771, 261, 775, 776, 782, 271, 799, 813, 817, 824, 825, 827, 848, 345, 857, 862, 359, 374, 380, 398, 403, 412, 418, 433, 461}, {3, 533, 30, 559, 577, 585, 599, 97, 615, 616, 623, 624, 644, 645, 646, 647, 674, 172, 684, 686, 688, 690, 691, 693, 698, 699, 700, 701, 703, 704, 708, 709, 710, 199, 711, 714, 719, 722, 728, 729, 730, 739, 740, 741, 743, 745, 746, 751, 240, 759, 761, 762, 763, 764, 766, 767, 770, 771, 773, 775, 776, 781, 789, 281, 795, 294, 808, 824, 826, 832, 833, 839, 857, 860, 352, 366, 367, 373, 384, 413, 414, 429, 430, 508}, {769, 642, 770, 773, 774, 776, 393, 765, 271, 399, 783, 789, 24, 409, 37, 805, 806, 298, 683, 429, 432, 691, 53, 695, 699, 829, 704, 705, 707, 838, 711, 588, 718, 721, 723, 724, 727, 855, 730, 858, 224, 737, 738, 742, 359, 744, 745, 759, 748, 749, 750, 752, 754, 756, 757, 374, 375, 762, 637}, {640, 514, 771, 772, 777, 653, 270, 766, 400, 145, 401, 767, 786, 405, 280, 794, 544, 36, 421, 167, 41, 685, 47, 690, 692, 183, 696, 185, 569, 698, 823, 317, 701, 707, 197, 711, 585, 718, 847, 725, 855, 730, 603, 731, 733, 736, 737, 738, 739, 741, 105, 746, 619, 620, 749, 750, 752, 113, 753, 754, 501, 760, 761, 634, 635, 765, 763}, {769, 770, 389, 267, 395, 766, 401, 786, 767, 790, 793, 159, 801, 675, 38, 554, 428, 174, 560, 689, 308, 309, 692, 694, 695, 57, 826, 700, 318, 703, 704, 705, 706, 323, 707, 831, 584, 712, 586, 714, 716, 717, 843, 719, 845, 594, 723, 726, 87, 728, 92, 733, 734, 861, 736, 609, 98, 737, 739, 230, 615, 360, 361, 748, 749, 750, 369, 114, 756, 759, 760, 379, 764, 763}, {7, 18, 532, 42, 562, 574, 604, 618, 619, 620, 629, 125, 643, 645, 135, 655, 660, 672, 673, 163, 679, 689, 690, 693, 694, 183, 696, 697, 698, 700, 703, 705, 706, 707, 709, 712, 201, 713, 714, 715, 718, 724, 726, 730, 731, 732, 734, 737, 226, 738, 745, 747, 749, 752, 753, 754, 760, 761, 762, 763, 764, 768, 769, 770, 771, 774, 775, 777, 271, 783, 785, 279, 793, 795, 811, 820, 823, 828, 329, 850, 861, 350, 362, 364, 366, 384, 392, 408, 415, 418, 423, 425, 428}, {768, 769, 770, 773, 774, 775, 776, 395, 523, 783, 656, 790, 282, 411, 795, 796, 801, 36, 292, 423, 679, 43, 430, 815, 688, 177, 689, 690, 691, 566, 694, 697, 700, 703, 576, 705, 707, 708, 710, 711, 585, 587, 845, 81, 849, 723, 724, 857, 730, 731, 732, 735, 736, 610, 611, 738, 229, 357, 741, 363, 625, 754, 756, 758, 763, 764, 383}, {8, 532, 540, 38, 554, 589, 82, 599, 603, 605, 611, 643, 143, 661, 663, 152, 674, 688, 689, 691, 692, 693, 694, 697, 699, 704, 705, 706, 708, 709, 710, 711, 712, 716, 726, 732, 737, 739, 743, 744, 746, 747, 748, 239, 752, 753, 754, 755, 759, 247, 762, 763, 765, 768, 771, 775, 776, 777, 782, 793, 797, 801, 806, 295, 814, 819, 313, 828, 329, 842, 334, 373, 377, 383, 392, 423, 459, 464, 483}, {520, 29, 34, 551, 42, 47, 565, 569, 580, 585, 79, 592, 614, 107, 622, 625, 628, 633, 641, 661, 155, 170, 682, 689, 692, 693, 695, 185, 697, 698, 699, 700, 704, 705, 706, 707, 196, 708, 709, 710, 711, 712, 713, 714, 715, 723, 726, 727, 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377, 380, 387, 391, 396, 415, 429, 443}, {769, 386, 771, 772, 775, 776, 777, 652, 269, 531, 534, 794, 795, 540, 415, 800, 33, 673, 420, 678, 807, 429, 686, 813, 815, 690, 694, 695, 696, 823, 58, 701, 62, 702, 704, 708, 327, 712, 717, 847, 848, 856, 89, 348, 477, 604, 733, 734, 609, 738, 762, 228, 861, 617, 746, 748, 365, 758, 761, 378, 763, 767}, {129, 641, 769, 771, 5, 645, 772, 520, 774, 394, 653, 654, 766, 17, 275, 659, 414, 802, 549, 805, 40, 811, 813, 688, 689, 690, 564, 692, 694, 695, 822, 698, 701, 703, 706, 196, 708, 841, 844, 718, 719, 721, 722, 599, 344, 730, 731, 733, 607, 735, 736, 737, 614, 743, 616, 744, 746, 747, 620, 759, 623, 754, 372, 756, 757, 758, 761, 763, 764, 767}, {18, 530, 43, 563, 54, 603, 609, 105, 618, 625, 632, 636, 644, 651, 652, 657, 161, 673, 676, 689, 690, 694, 696, 698, 702, 704, 707, 708, 709, 710, 711, 712, 714, 716, 722, 723, 724, 729, 732, 733, 734, 736, 737, 738, 740, 741, 745, 747, 749, 750, 752, 755, 756, 757, 759, 760, 247, 762, 763, 764, 768, 770, 772, 774, 775, 776, 273, 805, 806, 811, 814, 827, 318, 326, 341, 857, 365, 366, 386, 402, 405, 409, 412, 415, 422}, {4, 8, 529, 538, 56, 57, 579, 584, 594, 598, 599, 605, 628, 119, 123, 136, 651, 655, 150, 675, 679, 170, 686, 688, 689, 690, 691, 693, 182, 695, 697, 698, 699, 701, 705, 706, 709, 198, 715, 718, 722, 729, 733, 735, 741, 744, 746, 747, 748, 751, 753, 243, 755, 756, 759, 761, 769, 771, 773, 774, 778, 273, 807, 809, 812, 840, 845, 847, 848, 347, 362, 369, 387, 388, 397, 403, 426, 428, 433, 450}, {538, 541, 547, 552, 566, 56, 91, 609, 100, 617, 655, 657, 670, 676, 677, 690, 691, 181, 693, 695, 696, 697, 698, 699, 700, 701, 704, 706, 709, 710, 711, 200, 712, 714, 715, 722, 723, 724, 727, 728, 730, 731, 733, 223, 741, 743, 751, 754, 755, 756, 757, 760, 762, 764, 765, 769, 259, 771, 262, 774, 776, 777, 791, 799, 800, 813, 302, 817, 824, 829, 846, 862, 354, 366, 383, 388, 392, 397, 402, 415, 428, 431, 433, 457}, {524, 546, 568, 573, 71, 599, 92, 611, 111, 633, 634, 132, 644, 647, 651, 153, 674, 688, 689, 691, 692, 693, 694, 695, 696, 697, 702, 704, 707, 709, 710, 714, 715, 716, 717, 719, 720, 723, 724, 726, 729, 731, 734, 735, 736, 737, 740, 742, 745, 746, 748, 749, 750, 756, 758, 760, 248, 763, 764, 767, 770, 260, 772, 773, 774, 775, 777, 780, 786, 793, 798, 800, 818, 825, 317, 322, 333, 848, 337, 852, 858, 859, 861, 374, 392, 409, 411, 416, 433}, {384, 768, 770, 390, 395, 12, 781, 766, 785, 18, 405, 151, 537, 795, 157, 670, 671, 797, 799, 418, 680, 427, 811, 429, 814, 688, 689, 691, 692, 821, 696, 569, 824, 701, 704, 705, 832, 709, 710, 711, 76, 717, 845, 79, 719, 720, 850, 724, 597, 726, 599, 852, 729, 730, 853, 733, 606, 737, 739, 740, 742, 359, 744, 617, 745, 746, 620, 747, 622, 748, 749, 756, 758, 765, 126}, {530, 29, 547, 554, 561, 50, 59, 586, 598, 605, 606, 607, 612, 625, 626, 629, 633, 641, 656, 666, 667, 671, 672, 166, 678, 689, 693, 182, 698, 699, 701, 192, 704, 705, 707, 710, 719, 720, 721, 723, 724, 727, 216, 736, 737, 738, 742, 743, 744, 745, 746, 747, 748, 749, 750, 754, 759, 761, 762, 764, 765, 766, 768, 770, 772, 773, 774, 775, 777, 778, 780, 788, 794, 286, 290, 824, 314, 839, 846, 848, 855, 354, 355, 361, 387, 405, 413, 422}, {16, 31, 545, 549, 41, 42, 43, 56, 571, 580, 587, 76, 600, 604, 621, 140, 665, 678, 679, 682, 691, 693, 694, 695, 696, 698, 701, 703, 704, 705, 707, 709, 710, 711, 712, 717, 718, 722, 725, 726, 727, 728, 729, 731, 734, 736, 738, 739, 740, 741, 745, 746, 751, 757, 760, 761, 764, 766, 768, 769, 770, 773, 774, 777, 779, 781, 784, 785, 275, 805, 297, 817, 819, 823, 317, 834, 835, 324, 837, 838, 840, 852, 346, 352, 362, 382, 411, 414, 415, 422, 427, 458}, {768, 129, 770, 771, 648, 652, 766, 144, 784, 19, 767, 789, 538, 796, 671, 801, 679, 553, 42, 46, 688, 689, 817, 691, 693, 695, 823, 59, 700, 317, 701, 702, 706, 707, 710, 838, 713, 74, 714, 843, 718, 719, 849, 82, 722, 724, 725, 850, 727, 852, 854, 730, 857, 733, 350, 606, 736, 738, 355, 739, 741, 742, 617, 747, 748, 750, 753, 754, 758, 504, 761, 765, 639}, {768, 771, 773, 134, 774, 392, 776, 777, 780, 656, 405, 24, 665, 539, 795, 541, 796, 798, 38, 681, 426, 299, 692, 693, 824, 57, 698, 446, 830, 705, 706, 707, 68, 833, 710, 711, 714, 75, 845, 78, 207, 720, 723, 726, 728, 346, 730, 859, 862, 736, 737, 610, 738, 739, 741, 358, 743, 747, 748, 750, 752, 753, 754, 760, 629, 758, 759, 632, 762, 635, 381, 767}, {3, 523, 16, 534, 537, 43, 48, 56, 587, 606, 97, 609, 625, 642, 151, 678, 168, 690, 692, 693, 695, 697, 698, 699, 700, 701, 702, 703, 707, 708, 710, 711, 714, 717, 718, 720, 722, 726, 727, 730, 732, 733, 734, 735, 738, 740, 743, 745, 746, 749, 751, 752, 753, 754, 755, 756, 757, 760, 761, 763, 764, 767, 770, 772, 775, 786, 790, 794, 295, 300, 302, 817, 821, 310, 823, 824, 827, 833, 834, 838, 839, 841, 842, 843, 853, 858, 861, 356, 358, 393, 407, 408, 421, 449}, {33, 560, 49, 577, 583, 77, 598, 599, 102, 629, 634, 645, 672, 681, 688, 689, 692, 693, 694, 696, 699, 700, 704, 708, 709, 710, 711, 714, 716, 717, 718, 719, 721, 726, 727, 730, 731, 732, 735, 740, 745, 749, 239, 753, 754, 757, 758, 759, 760, 762, 763, 769, 773, 774, 775, 776, 789, 793, 800, 803, 805, 320, 323, 840, 333, 348, 862, 352, 358, 367, 384, 392, 395, 396, 397, 403, 433, 504}, {13, 527, 549, 48, 60, 70, 583, 103, 621, 122, 137, 649, 651, 658, 688, 691, 692, 693, 694, 697, 698, 701, 702, 706, 708, 709, 711, 713, 714, 716, 717, 719, 720, 722, 725, 727, 216, 732, 733, 734, 735, 736, 740, 741, 231, 744, 745, 746, 747, 749, 750, 759, 760, 762, 763, 768, 769, 770, 771, 772, 773, 777, 785, 277, 798, 804, 808, 812, 813, 816, 308, 311, 825, 828, 830, 845, 847, 855, 856, 362, 369, 384, 393, 411, 414, 431}, {384, 385, 774, 647, 775, 653, 142, 766, 781, 273, 26, 673, 419, 426, 684, 689, 760, 819, 821, 698, 699, 701, 319, 704, 705, 707, 708, 709, 203, 715, 717, 718, 80, 721, 722, 723, 84, 724, 731, 859, 349, 606, 733, 352, 734, 354, 735, 740, 860, 742, 360, 745, 747, 759, 861, 752, 625, 370, 115, 626, 373, 754, 756, 757, 633, 122, 758, 764, 767}, {769, 2, 770, 390, 647, 774, 521, 766, 530, 788, 790, 407, 23, 669, 798, 162, 804, 809, 811, 433, 689, 307, 690, 437, 691, 692, 693, 441, 57, 697, 698, 699, 700, 702, 703, 706, 67, 708, 711, 714, 715, 594, 727, 855, 856, 730, 731, 733, 736, 225, 737, 738, 612, 739, 741, 743, 123, 620, 366, 622, 751, 625, 626, 753, 754, 373, 755, 756, 758, 762, 379}, {532, 21, 24, 540, 32, 44, 45, 569, 584, 586, 605, 98, 631, 119, 637, 658, 156, 669, 682, 686, 689, 690, 693, 694, 696, 698, 700, 701, 704, 706, 707, 708, 709, 710, 711, 712, 201, 713, 714, 715, 717, 720, 723, 724, 727, 728, 729, 733, 734, 735, 738, 740, 744, 745, 746, 748, 752, 753, 754, 755, 758, 761, 769, 770, 772, 263, 783, 789, 283, 800, 828, 838, 843, 844, 353, 354, 356, 363, 399, 403, 409, 420, 431}, {768, 2, 646, 774, 775, 776, 11, 267, 780, 535, 791, 793, 538, 411, 415, 672, 34, 675, 804, 807, 681, 689, 690, 691, 819, 53, 694, 695, 821, 313, 697, 698, 699, 189, 701, 702, 824, 707, 708, 709, 710, 840, 713, 714, 716, 846, 464, 850, 852, 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630, 640, 642, 148, 665, 671, 688, 692, 693, 694, 697, 701, 705, 706, 707, 708, 709, 710, 711, 717, 719, 721, 724, 728, 734, 735, 736, 737, 740, 741, 742, 743, 744, 745, 746, 748, 751, 754, 756, 758, 761, 762, 251, 765, 767, 771, 772, 773, 775, 786, 787, 277, 794, 796, 306, 821, 313, 323, 842, 847, 348, 860, 360, 378, 390, 402, 417, 422, 436, 455}, {3, 7, 524, 28, 553, 614, 624, 627, 631, 639, 646, 658, 662, 673, 675, 688, 689, 691, 692, 695, 185, 697, 702, 704, 705, 706, 709, 710, 712, 716, 717, 719, 720, 721, 722, 726, 729, 732, 734, 735, 736, 737, 739, 740, 741, 742, 743, 748, 750, 753, 757, 758, 759, 760, 761, 764, 767, 769, 774, 775, 782, 785, 789, 285, 809, 303, 822, 824, 832, 840, 851, 362, 363, 374, 375, 383, 392, 398, 403, 409, 424, 427, 433}, {768, 769, 131, 259, 771, 8, 776, 650, 781, 766, 767, 279, 792, 793, 539, 668, 415, 290, 804, 421, 684, 814, 688, 689, 690, 694, 695, 696, 697, 698, 700, 702, 706, 707, 68, 708, 328, 584, 585, 712, 335, 721, 727, 728, 729, 855, 352, 736, 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392, 776, 656, 787, 21, 789, 154, 666, 797, 672, 801, 803, 677, 807, 424, 689, 819, 181, 825, 570, 826, 701, 702, 703, 704, 579, 709, 711, 712, 585, 713, 714, 715, 717, 719, 847, 721, 339, 723, 724, 725, 726, 344, 728, 218, 347, 729, 734, 735, 608, 481, 738, 485, 743, 744, 745, 746, 365, 753, 755, 756, 757, 759, 762, 763, 765, 638}, {769, 770, 771, 773, 648, 395, 141, 782, 402, 658, 786, 408, 792, 410, 413, 414, 542, 158, 548, 804, 678, 808, 685, 814, 434, 690, 693, 54, 695, 821, 697, 700, 701, 829, 705, 707, 69, 709, 711, 712, 73, 841, 717, 592, 723, 341, 725, 726, 727, 730, 732, 349, 861, 736, 738, 741, 614, 744, 621, 751, 752, 753, 626, 371, 756, 758, 760, 633, 763, 765}, {521, 535, 554, 557, 562, 570, 74, 588, 589, 83, 598, 607, 614, 617, 620, 634, 130, 649, 654, 655, 657, 662, 664, 157, 684, 691, 692, 694, 695, 698, 699, 701, 705, 706, 707, 197, 709, 710, 713, 715, 716, 720, 723, 728, 730, 732, 733, 735, 737, 738, 743, 744, 745, 750, 753, 759, 760, 763, 764, 765, 767, 769, 771, 772, 775, 778, 793, 282, 803, 807, 820, 317, 841, 845, 359, 361, 375, 378, 402, 405, 417, 421}, {16, 19, 541, 547, 39, 561, 562, 573, 70, 585, 89, 132, 651, 662, 673, 675, 683, 689, 691, 692, 694, 697, 698, 699, 701, 706, 197, 710, 712, 713, 716, 719, 720, 209, 722, 723, 724, 726, 727, 728, 729, 730, 732, 733, 735, 737, 739, 740, 742, 743, 744, 747, 748, 750, 752, 754, 757, 758, 760, 763, 764, 765, 264, 777, 782, 788, 277, 796, 797, 808, 831, 322, 840, 846, 847, 858, 355, 361, 373, 381, 382}, {7, 523, 533, 555, 56, 58, 571, 579, 581, 80, 596, 94, 610, 616, 619, 626, 634, 635, 644, 664, 665, 666, 674, 677, 166, 683, 685, 688, 689, 690, 695, 701, 702, 704, 705, 708, 710, 712, 714, 715, 719, 720, 721, 722, 723, 725, 727, 730, 732, 223, 736, 737, 739, 742, 231, 744, 745, 750, 753, 754, 756, 757, 758, 759, 762, 768, 769, 770, 773, 776, 782, 790, 287, 806, 809, 828, 830, 849, 852, 346, 360, 369, 370, 372, 375, 383, 387, 388, 394, 397, 411, 427}, {3, 560, 61, 72, 586, 588, 603, 610, 623, 626, 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757, 759, 770, 772, 780, 782, 784, 786, 787, 789, 790, 793, 794, 797, 798, 288, 800, 801, 804, 806, 807, 808, 809, 810, 811, 813, 814, 817, 818, 819, 820, 825, 826, 827, 829, 830, 831, 832, 834, 835, 836, 837, 840, 841, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 859, 860, 862, 362, 365, 369, 417, 434, 436, 440, 464, 470, 474, 476, 505}, {7, 575, 607, 106, 622, 627, 119, 645, 649, 657, 662, 151, 663, 153, 677, 680, 681, 173, 701, 706, 214, 726, 746, 749, 754, 756, 770, 778, 779, 780, 783, 784, 786, 787, 788, 789, 790, 792, 794, 795, 799, 806, 807, 809, 810, 812, 813, 816, 817, 306, 818, 819, 820, 824, 826, 827, 828, 831, 834, 835, 837, 839, 840, 841, 844, 845, 849, 851, 852, 855, 856, 862, 353, 361, 440, 496, 509}, {31, 553, 607, 103, 105, 121, 637, 125, 127, 644, 661, 154, 667, 668, 679, 692, 695, 196, 197, 708, 717, 206, 719, 723, 725, 217, 733, 734, 736, 230, 231, 747, 752, 241, 763, 766, 767, 256, 258, 259, 778, 781, 782, 784, 785, 786, 277, 789, 792, 793, 797, 798, 799, 801, 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804, 806, 807, 808, 809, 811, 812, 302, 815, 306, 818, 821, 823, 824, 825, 826, 827, 831, 832, 834, 836, 325, 837, 838, 839, 841, 842, 845, 846, 851, 852, 853, 854, 858, 859, 860, 861, 356, 362, 383, 430, 463, 472, 483, 484, 499}, {61, 85, 604, 618, 115, 630, 637, 639, 647, 648, 143, 656, 145, 658, 669, 166, 690, 691, 180, 697, 200, 201, 720, 212, 734, 240, 244, 756, 259, 775, 780, 785, 789, 790, 791, 795, 797, 800, 801, 802, 805, 811, 812, 815, 816, 817, 820, 821, 822, 823, 826, 827, 828, 834, 835, 836, 837, 839, 843, 845, 846, 847, 852, 854, 858, 859, 860, 349, 861, 862, 379, 388, 425, 438, 473, 478, 493, 499}, {549, 60, 95, 100, 103, 109, 635, 129, 642, 133, 147, 665, 163, 167, 185, 190, 719, 724, 215, 731, 734, 742, 744, 237, 750, 751, 758, 247, 781, 783, 784, 785, 786, 789, 791, 793, 795, 798, 799, 800, 801, 802, 803, 804, 806, 809, 810, 811, 813, 815, 816, 818, 819, 821, 824, 825, 827, 828, 831, 832, 833, 835, 841, 843, 851, 853, 854, 856, 858, 861, 368, 373, 391, 393, 399, 477, 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675, 684, 174, 692, 183, 701, 192, 193, 709, 710, 202, 205, 213, 731, 736, 238, 751, 778, 779, 780, 781, 782, 783, 786, 793, 794, 795, 798, 799, 800, 803, 804, 806, 807, 809, 810, 814, 815, 817, 819, 820, 821, 824, 828, 829, 832, 833, 834, 838, 839, 842, 848, 850, 851, 340, 854, 856, 857, 859, 860, 861, 352, 370, 412, 458, 478, 495, 508}, {19, 38, 70, 591, 81, 607, 609, 614, 108, 620, 119, 121, 634, 637, 638, 159, 677, 682, 686, 689, 694, 184, 697, 188, 210, 722, 214, 217, 734, 229, 744, 233, 749, 239, 247, 250, 254, 768, 777, 778, 781, 782, 784, 785, 789, 792, 794, 795, 798, 799, 801, 802, 804, 806, 807, 811, 813, 816, 817, 819, 820, 821, 826, 829, 831, 832, 833, 836, 840, 841, 842, 844, 846, 848, 849, 850, 851, 853, 858, 859, 860, 862, 351, 372, 396, 450, 460, 473, 482, 492, 507}, {15, 28, 68, 586, 87, 606, 96, 611, 100, 626, 629, 126, 642, 132, 648, 147, 667, 173, 176, 177, 182, 694, 697, 186, 192, 195, 200, 716, 205, 717, 732, 222, 223, 738, 740, 229, 747, 242, 755, 252, 767, 780, 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iteration number: 0

final votes

[['A' 'B' 'C']]

[[252 309 302]]

Final winner is: B

The Round : 9 the Number of friends min : 90 max : 100

size of Coum :

[95, 95, 99, 92, 90, 97, 95, 100, 90, 90]

probs :

[[0.43 0.03 0.09 0.08 0.08 0.08 0.1 0.06 0.07 0.09]

[0.03 0.49 0.1 0.06 0.06 0.03 0.05 0.04 0.07 0.04]

[0.09 0.1 0.43 0.05 0.06 0.04 0.04 0.03 0.05 0.08]

[0.08 0.06 0.05 0.49 0.03 0.07 0.06 0.07 0.09 0.02]

[0.08 0.06 0.06 0.03 0.44 0.01 0.05 0.09 0.08 0.08]

[0.08 0.03 0.04 0.07 0.01 0.41 0.06 0.04 0.09 0.1 ]

[0.1 0.05 0.04 0.06 0.05 0.06 0.52 0.08 0.09 0.04]

[0.06 0.04 0.03 0.07 0.09 0.04 0.08 0.45 0.1 0.03]

[0.07 0.07 0.05 0.09 0.08 0.09 0.09 0.1 0.48 0.05]

[0.09 0.04 0.08 0.02 0.08 0.1 0.04 0.03 0.05 0.58]]

Start votes

[['A' 'B' 'C']]

[[314 329 300]]

Start winner is: B

opinions:

{0: 'B', 1: 'A', 2: 'A', 3: 'A', 4: 'A', 5: 'C', 6: 'C', 7: 'B', 8: 'C', 9: 'B', 10: 'A', 11: 'B', 12: 'A', 13: 'C', 14: 'A', 15: 'A', 16: 'C', 17: 'B', 18: 'A', 19: 'C', 20: 'C', 21: 'C', 22: 'B', 23: 'A', 24: 'C', 25: 'C', 26: 'B', 27: 'A', 28: 'C', 29: 'A', 30: 'B', 31: 'C', 32: 'A', 33: 'C', 34: 'C', 35: 'A', 36: 'A', 37: 'A', 38: 'C', 39: 'B', 40: 'B', 41: 'A', 42: 'A', 43: 'A', 44: 'A', 45: 'A', 46: 'C', 47: 'B', 48: 'B', 49: 'B', 50: 'A', 51: 'B', 52: 'A', 53: 'A', 54: 'C', 55: 'B', 56: 'C', 57: 'B', 58: 'A', 59: 'C', 60: 'C', 61: 'B', 62: 'B', 63: 'B', 64: 'A', 65: 'C', 66: 'A', 67: 'B', 68: 'B', 69: 'C', 70: 'C', 71: 'A', 72: 'B', 73: 'A', 74: 'A', 75: 'B', 76: 'A', 77: 'A', 78: 'C', 79: 'A', 80: 'B', 81: 'C', 82: 'A', 83: 'C', 84: 'B', 85: 'B', 86: 'C', 87: 'A', 88: 'B', 89: 'C', 90: 'A', 91: 'B', 92: 'B', 93: 'B', 94: 'B', 95: 'C', 96: 'A', 97: 'C', 98: 'C', 99: 'A', 100: 'C', 101: 'A', 102: 'A', 103: 'B', 104: 'A', 105: 'B', 106: 'C', 107: 'C', 108: 'B', 109: 'C', 110: 'A', 111: 'A', 112: 'A', 113: 'B', 114: 'A', 115: 'C', 116: 'C', 117: 'B', 118: 'C', 119: 'C', 120: 'B', 121: 'B', 122: 'C', 123: 'A', 124: 'B', 125: 'C', 126: 'B', 127: 'C', 128: 'A', 129: 'A', 130: 'B', 131: 'B', 132: 'A', 133: 'B', 134: 'B', 135: 'A', 136: 'A', 137: 'B', 138: 'C', 139: 'C', 140: 'A', 141: 'A', 142: 'B', 143: 'A', 144: 'C', 145: 'A', 146: 'C', 147: 'B', 148: 'A', 149: 'A', 150: 'C', 151: 'A', 152: 'B', 153: 'A', 154: 'C', 155: 'C', 156: 'A', 157: 'B', 158: 'C', 159: 'A', 160: 'B', 161: 'B', 162: 'A', 163: 'B', 164: 'A', 165: 'B', 166: 'A', 167: 'B', 168: 'A', 169: 'B', 170: 'C', 171: 'B', 172: 'A', 173: 'C', 174: 'B', 175: 'B', 176: 'A', 177: 'B', 178: 'C', 179: 'B', 180: 'C', 181: 'B', 182: 'A', 183: 'B', 184: 'B', 185: 'A', 186: 'C', 187: 'A', 188: 'C', 189: 'C', 190: 'B', 191: 'B', 192: 'B', 193: 'B', 194: 'C', 195: 'A', 196: 'B', 197: 'B', 198: 'C', 199: 'C', 200: 'C', 201: 'B', 202: 'C', 203: 'C', 204: 'B', 205: 'A', 206: 'A', 207: 'A', 208: 'C', 209: 'A', 210: 'B', 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641, 133, 138, 661, 669, 675, 680, 684, 176, 690, 705, 195, 205, 223, 742, 233, 747, 768, 770, 259, 773, 774, 292, 295, 304, 311, 315, 831, 321, 323, 328, 841, 333, 337, 338, 856, 356, 869, 873, 890, 893, 897, 898, 899, 905, 908, 915, 411, 925, 931, 938, 431, 432, 438, 445, 446, 450, 456, 459, 485, 491, 496, 504, 507, 511}, {0, 513, 4, 5, 6, 9, 11, 13, 530, 20, 23, 27, 28, 30, 31, 32, 542, 545, 38, 42, 556, 45, 50, 562, 55, 56, 57, 571, 63, 64, 65, 577, 581, 583, 76, 77, 588, 81, 84, 87, 88, 93, 617, 618, 111, 636, 650, 168, 172, 695, 206, 720, 723, 223, 231, 232, 749, 759, 762, 260, 272, 788, 789, 278, 283, 295, 298, 818, 820, 823, 834, 840, 329, 848, 337, 851, 348, 863, 355, 879, 881, 885, 887, 890, 380, 395, 414, 932, 424, 937, 427, 428, 429, 440, 461, 462, 469, 486, 491, 494, 503}, {0, 4, 5, 7, 9, 12, 13, 15, 16, 17, 19, 23, 26, 29, 31, 35, 37, 40, 553, 554, 43, 45, 46, 47, 49, 52, 54, 58, 59, 60, 66, 68, 581, 72, 73, 74, 584, 591, 592, 82, 85, 597, 87, 88, 600, 90, 604, 627, 629, 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217, 222, 231, 745, 237, 751, 240, 247, 248, 251, 252, 767, 274, 278, 791, 802, 291, 301, 312, 316, 318, 832, 321, 324, 839, 349, 869, 874, 879, 379, 898, 407, 417, 929, 940, 449, 451, 477, 489, 490, 502}, {1, 513, 516, 518, 9, 522, 12, 13, 15, 16, 18, 19, 21, 22, 537, 28, 29, 540, 34, 37, 38, 552, 42, 43, 44, 557, 49, 50, 53, 57, 59, 60, 571, 572, 64, 72, 585, 75, 76, 588, 78, 79, 80, 81, 84, 86, 599, 88, 601, 90, 91, 92, 607, 610, 103, 618, 620, 110, 113, 625, 626, 643, 132, 648, 652, 674, 167, 685, 176, 178, 690, 201, 202, 719, 216, 217, 223, 229, 753, 246, 248, 770, 260, 779, 275, 278, 286, 289, 303, 823, 325, 840, 329, 335, 847, 848, 851, 343, 350, 357, 872, 365, 882, 884, 894, 387, 392, 910, 403, 915, 924, 925, 927, 422, 441, 449, 451, 454, 456, 486, 491, 496, 497}, {1, 2, 3, 4, 515, 6, 7, 9, 12, 524, 16, 17, 18, 21, 22, 533, 536, 26, 28, 29, 541, 31, 34, 37, 40, 41, 45, 46, 51, 563, 53, 54, 62, 64, 66, 69, 72, 79, 80, 86, 91, 605, 608, 609, 617, 618, 622, 627, 631, 639, 132, 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673, 212, 224, 228, 741, 231, 250, 767, 260, 265, 271, 799, 309, 830, 329, 339, 853, 347, 351, 864, 874, 365, 881, 883, 890, 911, 917, 409, 923, 927, 928, 934, 939, 942, 431, 434, 449, 456, 462, 463, 475, 492}, {1, 2, 513, 7, 521, 10, 11, 524, 12, 13, 15, 17, 18, 19, 20, 21, 22, 24, 25, 536, 27, 29, 32, 544, 37, 44, 45, 47, 48, 49, 50, 52, 53, 57, 58, 60, 65, 72, 73, 74, 585, 76, 77, 590, 591, 80, 81, 82, 86, 91, 94, 626, 125, 138, 140, 659, 663, 664, 675, 704, 714, 723, 726, 216, 730, 219, 222, 739, 235, 747, 748, 749, 240, 245, 266, 293, 825, 322, 834, 838, 328, 333, 366, 884, 886, 378, 386, 900, 394, 396, 404, 426, 458, 459, 462, 463, 464, 469, 486}, {1, 2, 5, 7, 8, 11, 12, 17, 21, 22, 25, 27, 28, 29, 541, 32, 34, 37, 39, 43, 46, 50, 51, 562, 53, 54, 55, 56, 57, 62, 67, 68, 70, 71, 73, 75, 76, 82, 83, 86, 88, 89, 94, 106, 633, 634, 642, 646, 648, 659, 675, 165, 697, 194, 711, 201, 717, 722, 212, 227, 234, 755, 759, 248, 254, 774, 264, 783, 273, 282, 283, 794, 797, 286, 801, 804, 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833, 835, 341, 857, 347, 860, 374, 385, 898, 389, 400, 404, 407, 416, 938, 447, 466, 471, 487, 492, 505, 506, 508}, {0, 3, 516, 510, 11, 12, 13, 525, 15, 16, 17, 20, 23, 24, 25, 27, 28, 31, 34, 546, 36, 39, 41, 42, 44, 45, 558, 47, 48, 559, 563, 59, 60, 61, 65, 66, 67, 577, 69, 580, 71, 73, 76, 77, 78, 592, 82, 83, 86, 87, 88, 89, 90, 598, 92, 94, 627, 629, 633, 639, 640, 644, 650, 658, 659, 169, 172, 179, 196, 227, 232, 233, 235, 258, 262, 274, 800, 802, 333, 337, 344, 859, 368, 389, 914, 413, 458, 465, 466, 473, 480, 486, 494, 496, 501, 505, 506}, {0, 1, 2, 3, 5, 6, 11, 526, 17, 18, 19, 20, 21, 532, 23, 25, 26, 27, 28, 34, 37, 38, 39, 40, 41, 42, 44, 45, 46, 47, 48, 567, 56, 57, 59, 62, 66, 69, 71, 72, 73, 585, 76, 78, 80, 81, 83, 84, 85, 597, 87, 90, 93, 115, 118, 637, 641, 651, 676, 694, 205, 719, 727, 219, 226, 230, 744, 234, 749, 760, 263, 775, 776, 810, 303, 815, 310, 311, 314, 319, 840, 344, 866, 360, 361, 876, 365, 881, 882, 884, 893, 894, 388, 394, 395, 397, 916, 412, 924, 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102, 105, 106, 107, 111, 112, 113, 114, 115, 117, 120, 122, 123, 129, 130, 131, 134, 136, 138, 140, 142, 144, 147, 148, 149, 150, 662, 152, 153, 155, 157, 158, 159, 160, 162, 163, 168, 169, 171, 172, 173, 174, 685, 176, 177, 179, 180, 181, 182, 691, 189, 215, 744, 749, 250, 775, 273, 277, 797, 287, 809, 316, 320, 325, 846, 335, 850, 352, 871, 364, 370, 381, 401, 402, 421, 431, 456}, {0, 525, 547, 39, 63, 600, 607, 96, 100, 614, 103, 105, 106, 107, 111, 623, 116, 117, 118, 120, 121, 125, 128, 129, 132, 134, 647, 136, 138, 141, 142, 143, 144, 145, 147, 148, 152, 154, 156, 160, 161, 163, 164, 165, 167, 172, 175, 177, 181, 183, 187, 708, 198, 724, 221, 224, 750, 751, 758, 778, 270, 785, 274, 786, 277, 279, 285, 829, 839, 334, 850, 858, 347, 353, 356, 369, 895, 404, 419, 432, 449, 450, 511}, {7, 530, 531, 21, 549, 552, 44, 577, 97, 98, 99, 102, 104, 106, 109, 110, 111, 115, 116, 120, 121, 122, 123, 124, 125, 126, 127, 637, 130, 131, 132, 133, 135, 136, 649, 141, 653, 143, 144, 655, 146, 147, 148, 149, 152, 153, 154, 155, 156, 664, 159, 160, 163, 164, 167, 169, 686, 176, 177, 178, 180, 182, 184, 186, 187, 189, 701, 703, 711, 202, 227, 244, 258, 771, 260, 773, 266, 781, 795, 284, 797, 287, 288, 291, 295, 824, 324, 839, 851, 341, 863, 357, 377, 398, 412, 426, 443}, {517, 22, 535, 27, 32, 544, 45, 590, 96, 98, 105, 106, 107, 618, 113, 114, 119, 121, 122, 124, 638, 127, 129, 130, 132, 133, 134, 136, 137, 138, 140, 141, 142, 145, 146, 147, 148, 149, 152, 154, 155, 159, 161, 163, 167, 169, 171, 172, 173, 174, 176, 180, 181, 182, 695, 184, 185, 187, 189, 191, 195, 216, 220, 229, 238, 245, 775, 265, 270, 783, 282, 794, 300, 308, 317, 321, 844, 854, 857, 858, 899, 391, 923, 937, 428, 434, 457, 501, 505, 509}, {19, 47, 574, 95, 96, 97, 98, 100, 612, 103, 104, 105, 109, 114, 116, 120, 125, 126, 128, 129, 130, 643, 644, 133, 134, 138, 139, 141, 144, 145, 147, 148, 149, 151, 152, 154, 155, 157, 159, 160, 162, 674, 167, 169, 170, 171, 172, 681, 174, 177, 180, 182, 695, 184, 186, 187, 189, 199, 203, 719, 214, 232, 242, 759, 254, 264, 268, 780, 793, 815, 816, 819, 316, 831, 325, 840, 849, 851, 853, 360, 363, 381, 899, 390, 907, 403, 416, 422, 438, 441, 444, 466, 511}, {25, 549, 558, 47, 48, 57, 67, 89, 604, 605, 97, 99, 102, 106, 108, 109, 110, 111, 112, 113, 114, 115, 117, 119, 120, 124, 126, 128, 132, 135, 136, 137, 138, 647, 142, 145, 146, 657, 149, 151, 152, 665, 155, 157, 161, 167, 173, 177, 178, 179, 183, 185, 186, 188, 192, 708, 204, 208, 209, 730, 229, 230, 232, 247, 253, 256, 257, 781, 782, 802, 820, 827, 318, 319, 323, 848, 338, 852, 346, 860, 881, 382, 920, 425, 940, 941, 436, 457, 485, 499}, {585, 76, 598, 95, 96, 97, 100, 102, 107, 108, 620, 110, 111, 113, 114, 115, 116, 626, 118, 119, 121, 634, 122, 123, 126, 127, 641, 130, 131, 132, 133, 135, 136, 137, 140, 654, 144, 145, 147, 149, 151, 154, 668, 159, 671, 162, 167, 168, 169, 171, 172, 175, 176, 177, 178, 179, 180, 181, 689, 183, 186, 187, 188, 703, 197, 202, 715, 211, 212, 219, 756, 251, 772, 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568, 570, 571, 572, 573, 577, 579, 581, 582, 583, 585, 74, 76, 78, 591, 593, 84, 597, 600, 89, 604, 606, 607, 609, 610, 611, 613, 614, 615, 616, 106, 618, 620, 621, 623, 624, 626, 627, 629, 121, 635, 638, 639, 127, 643, 650, 654, 145, 657, 658, 659, 660, 661, 667, 669, 670, 679, 188, 702, 709, 206, 210, 722, 748, 764, 767, 770, 266, 783, 279, 801, 812, 303, 817, 824, 314, 848, 360, 364, 878, 387, 922, 927, 437, 486, 507}, {9, 12, 19, 568, 571, 572, 573, 63, 577, 578, 580, 581, 588, 589, 591, 592, 594, 595, 597, 600, 89, 601, 603, 92, 604, 607, 96, 608, 611, 612, 615, 616, 617, 620, 622, 623, 114, 627, 628, 629, 630, 631, 633, 634, 635, 636, 637, 640, 641, 642, 131, 649, 650, 651, 652, 655, 656, 658, 660, 667, 157, 160, 716, 205, 719, 209, 216, 730, 735, 744, 754, 246, 247, 768, 781, 288, 801, 301, 312, 319, 322, 845, 847, 339, 869, 876, 366, 889, 387, 409, 430, 473, 481}, {512, 2, 3, 9, 522, 13, 19, 20, 22, 23, 37, 50, 51, 58, 570, 571, 61, 572, 573, 574, 575, 576, 578, 579, 583, 584, 589, 590, 592, 81, 597, 598, 599, 600, 603, 93, 609, 610, 611, 100, 613, 615, 616, 620, 621, 628, 629, 631, 632, 633, 634, 636, 637, 638, 640, 641, 643, 645, 646, 649, 652, 654, 655, 145, 658, 661, 672, 165, 688, 178, 191, 705, 706, 197, 208, 731, 770, 265, 786, 789, 793, 289, 308, 823, 312, 317, 322, 837, 839, 853, 868, 360, 384, 907, 909, 922, 925, 935, 424, 446, 471, 472, 498}, {513, 518, 14, 16, 19, 21, 29, 30, 545, 38, 554, 555, 47, 55, 569, 59, 572, 573, 574, 63, 576, 577, 69, 584, 585, 589, 590, 79, 591, 592, 595, 596, 597, 599, 601, 603, 604, 606, 609, 612, 616, 617, 620, 621, 110, 623, 624, 625, 632, 637, 638, 125, 640, 643, 644, 645, 646, 135, 648, 653, 656, 657, 146, 659, 660, 661, 675, 166, 170, 687, 176, 202, 741, 742, 748, 251, 256, 770, 784, 787, 793, 286, 799, 291, 804, 805, 322, 334, 861, 875, 889, 897, 414, 416, 935, 455, 485, 489, 511}, {520, 528, 18, 25, 540, 541, 42, 45, 557, 53, 568, 57, 570, 573, 63, 575, 577, 583, 584, 585, 74, 587, 589, 78, 590, 591, 595, 596, 88, 601, 602, 93, 606, 609, 611, 612, 616, 617, 107, 619, 620, 622, 112, 631, 632, 633, 639, 642, 643, 645, 646, 647, 649, 650, 652, 653, 664, 695, 698, 702, 704, 705, 717, 211, 216, 234, 746, 251, 774, 264, 267, 780, 788, 809, 817, 307, 822, 311, 827, 319, 320, 834, 850, 851, 347, 358, 364, 366, 371, 376, 386, 911, 912, 404, 410, 508}, {513, 521, 528, 21, 540, 546, 36, 38, 52, 565, 55, 568, 569, 572, 576, 582, 583, 73, 585, 588, 589, 590, 591, 81, 593, 596, 597, 598, 88, 604, 93, 606, 608, 611, 612, 613, 615, 618, 619, 620, 621, 622, 623, 627, 628, 629, 630, 632, 633, 634, 635, 636, 126, 639, 640, 642, 646, 647, 648, 649, 651, 652, 654, 657, 668, 670, 672, 675, 703, 194, 722, 724, 725, 726, 732, 229, 743, 240, 241, 261, 775, 776, 272, 293, 811, 307, 837, 328, 330, 846, 849, 338, 852, 348, 359, 379, 901, 915, 917, 925, 937, 488}, {519, 11, 18, 19, 32, 35, 548, 557, 564, 568, 569, 570, 61, 62, 573, 574, 575, 576, 589, 590, 591, 593, 84, 598, 599, 603, 604, 605, 94, 606, 608, 609, 98, 610, 611, 613, 614, 617, 623, 628, 630, 632, 633, 634, 635, 636, 637, 638, 639, 643, 644, 645, 646, 650, 653, 654, 143, 655, 656, 659, 662, 161, 674, 677, 679, 170, 684, 180, 694, 191, 705, 732, 749, 754, 251, 778, 780, 782, 789, 288, 801, 809, 832, 835, 848, 853, 858, 369, 371, 891, 384, 915, 916, 407, 923, 420, 422, 433, 459, 460, 496, 503, 509, 510}, {8, 525, 528, 21, 32, 35, 42, 55, 567, 569, 570, 571, 573, 574, 575, 580, 586, 587, 588, 77, 589, 590, 592, 593, 594, 595, 598, 599, 88, 600, 602, 604, 605, 612, 613, 614, 615, 620, 624, 625, 627, 628, 630, 632, 636, 640, 641, 642, 644, 645, 647, 649, 650, 652, 655, 144, 659, 661, 669, 670, 675, 676, 167, 681, 686, 689, 691, 699, 192, 708, 199, 712, 715, 718, 728, 729, 221, 752, 243, 763, 775, 783, 281, 285, 799, 806, 302, 304, 816, 843, 845, 848, 340, 855, 352, 355, 366, 887, 889, 391, 400, 416, 430, 435, 441, 470, 473, 490, 493, 503}, {4, 523, 537, 546, 36, 43, 47, 55, 57, 570, 571, 61, 573, 574, 575, 577, 579, 580, 70, 74, 587, 588, 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742, 234, 789, 798, 805, 815, 833, 835, 326, 841, 848, 851, 865, 883, 405, 928, 448, 457, 462, 488, 504}, {1, 518, 520, 16, 21, 535, 24, 540, 32, 40, 558, 53, 570, 59, 572, 61, 573, 575, 67, 68, 580, 583, 586, 589, 79, 597, 87, 599, 600, 604, 608, 611, 101, 615, 620, 622, 623, 624, 625, 628, 629, 631, 633, 637, 638, 640, 129, 641, 644, 646, 647, 648, 649, 141, 654, 655, 144, 656, 659, 674, 688, 180, 188, 701, 192, 709, 221, 746, 266, 786, 787, 297, 816, 834, 855, 346, 859, 348, 351, 366, 399, 401, 915, 404, 410, 922, 483, 505}, {0, 515, 526, 17, 530, 32, 33, 547, 39, 40, 42, 44, 53, 55, 56, 572, 579, 580, 587, 589, 78, 591, 594, 84, 596, 597, 600, 602, 91, 92, 604, 605, 606, 607, 609, 610, 612, 614, 615, 616, 617, 621, 622, 112, 624, 628, 631, 632, 120, 635, 639, 640, 641, 643, 644, 646, 647, 137, 649, 651, 653, 654, 655, 658, 659, 660, 661, 164, 695, 700, 705, 719, 737, 738, 232, 246, 778, 785, 797, 292, 297, 831, 837, 844, 846, 335, 336, 854, 353, 364, 891, 898, 390, 411, 440, 445, 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564, 54, 568, 569, 570, 571, 572, 573, 577, 578, 579, 580, 581, 582, 585, 594, 83, 595, 597, 598, 87, 601, 604, 609, 611, 614, 615, 616, 105, 617, 619, 621, 623, 624, 629, 631, 635, 638, 640, 129, 643, 132, 644, 647, 649, 651, 653, 142, 655, 657, 659, 660, 154, 165, 677, 682, 684, 204, 721, 735, 738, 229, 748, 759, 761, 251, 771, 262, 796, 800, 302, 303, 823, 320, 333, 344, 361, 876, 890, 384, 431, 448, 458, 461, 473, 482, 505, 506}, {0, 3, 518, 9, 539, 540, 50, 51, 569, 570, 571, 572, 573, 62, 574, 576, 577, 579, 580, 581, 583, 72, 73, 584, 585, 587, 77, 589, 590, 592, 81, 593, 594, 595, 599, 601, 602, 603, 604, 93, 606, 610, 611, 614, 616, 618, 620, 621, 624, 626, 629, 637, 642, 131, 643, 644, 647, 136, 649, 652, 653, 142, 655, 658, 660, 661, 662, 665, 155, 671, 685, 174, 712, 723, 729, 744, 746, 749, 754, 765, 781, 271, 296, 813, 814, 304, 817, 825, 314, 829, 318, 830, 850, 355, 883, 894, 399, 403, 425, 461, 485, 489, 490}, {523, 527, 21, 567, 569, 570, 572, 576, 577, 580, 581, 72, 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588, 78, 590, 80, 591, 592, 593, 601, 603, 605, 608, 610, 613, 616, 622, 625, 114, 626, 627, 628, 635, 639, 642, 644, 646, 648, 649, 650, 655, 657, 658, 660, 662, 162, 682, 201, 714, 715, 204, 716, 727, 739, 233, 234, 760, 251, 779, 269, 276, 791, 280, 792, 282, 795, 806, 820, 825, 828, 329, 843, 344, 370, 375, 385, 926, 443, 500}, {1, 4, 524, 22, 24, 38, 556, 48, 51, 566, 56, 57, 569, 59, 570, 571, 572, 573, 576, 577, 578, 581, 583, 584, 585, 587, 588, 589, 79, 592, 593, 82, 596, 86, 601, 90, 91, 602, 94, 607, 609, 100, 615, 618, 620, 622, 625, 627, 628, 117, 630, 633, 634, 122, 641, 644, 645, 646, 650, 651, 653, 654, 657, 682, 174, 197, 199, 720, 214, 216, 729, 220, 735, 229, 241, 755, 256, 797, 292, 809, 307, 309, 315, 828, 317, 836, 848, 851, 893, 383, 388, 400, 938, 495, 508}, {2, 534, 543, 33, 555, 562, 53, 55, 568, 570, 573, 574, 63, 64, 575, 577, 578, 581, 73, 586, 588, 590, 592, 595, 596, 600, 601, 605, 607, 608, 97, 609, 612, 101, 613, 616, 617, 618, 108, 621, 622, 623, 624, 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619, 620, 109, 622, 113, 625, 627, 628, 119, 632, 120, 634, 639, 641, 643, 644, 645, 646, 647, 649, 650, 651, 652, 653, 654, 656, 658, 660, 661, 674, 165, 682, 171, 172, 189, 196, 197, 717, 726, 736, 745, 755, 247, 759, 776, 780, 270, 789, 806, 304, 829, 832, 322, 835, 836, 882, 371, 374, 381, 897, 397, 407, 921, 420, 422, 426, 941, 436, 448, 464, 480}, {9, 13, 18, 532, 539, 554, 57, 569, 571, 60, 573, 574, 576, 577, 582, 585, 587, 77, 589, 591, 593, 82, 595, 598, 599, 88, 601, 602, 91, 603, 604, 606, 607, 608, 609, 613, 104, 617, 618, 619, 108, 620, 623, 625, 628, 629, 630, 637, 638, 639, 640, 642, 644, 646, 647, 648, 650, 651, 653, 655, 657, 147, 659, 660, 152, 667, 670, 681, 682, 685, 174, 700, 704, 709, 202, 204, 209, 722, 727, 734, 739, 234, 750, 261, 263, 778, 786, 313, 827, 335, 852, 345, 873, 876, 881, 894, 399, 413, 449, 459, 475, 479, 488, 491, 498}, {1, 2, 5, 523, 24, 539, 30, 543, 35, 555, 568, 569, 59, 574, 64, 576, 579, 580, 582, 583, 72, 73, 585, 587, 589, 592, 594, 596, 597, 86, 598, 599, 600, 602, 603, 606, 609, 610, 612, 614, 615, 616, 617, 620, 621, 112, 625, 626, 115, 629, 630, 633, 636, 638, 639, 126, 641, 643, 644, 645, 646, 647, 648, 651, 652, 653, 656, 657, 659, 661, 662, 153, 156, 157, 680, 683, 689, 185, 701, 704, 722, 754, 761, 258, 260, 272, 784, 792, 285, 291, 805, 296, 813, 826, 324, 332, 337, 852, 856, 383, 399, 444, 448, 491, 502}, {14, 19, 536, 547, 36, 44, 47, 48, 52, 55, 57, 571, 575, 577, 578, 67, 579, 581, 583, 584, 586, 587, 588, 589, 590, 592, 595, 85, 597, 598, 599, 600, 601, 602, 604, 608, 609, 610, 611, 102, 615, 616, 617, 619, 621, 624, 628, 629, 632, 120, 633, 635, 123, 638, 640, 642, 644, 646, 649, 650, 651, 654, 143, 655, 656, 658, 661, 664, 669, 160, 166, 169, 685, 688, 730, 242, 757, 778, 779, 278, 293, 822, 823, 825, 829, 327, 842, 341, 350, 352, 359, 882, 386, 387, 398, 399, 408, 423, 935, 936, 458, 463, 471, 486, 496}, {16, 19, 35, 556, 559, 50, 565, 568, 569, 570, 571, 574, 578, 68, 581, 582, 584, 585, 586, 588, 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599, 602, 603, 92, 94, 606, 608, 611, 613, 615, 616, 617, 618, 620, 621, 623, 624, 625, 626, 118, 631, 634, 635, 638, 639, 128, 640, 130, 642, 643, 645, 646, 647, 652, 141, 653, 655, 659, 660, 153, 204, 206, 722, 724, 749, 241, 789, 304, 828, 836, 838, 332, 845, 847, 850, 343, 363, 365, 879, 376, 379, 401, 412, 924, 433, 449, 481, 486, 488, 496}, {512, 6, 7, 519, 521, 26, 48, 564, 568, 569, 570, 572, 573, 574, 575, 578, 580, 69, 583, 585, 587, 76, 589, 590, 592, 594, 595, 596, 86, 601, 602, 604, 606, 608, 609, 611, 614, 103, 615, 616, 621, 623, 624, 625, 627, 629, 632, 635, 636, 637, 641, 642, 644, 645, 646, 650, 651, 654, 146, 658, 662, 674, 171, 189, 708, 713, 212, 729, 223, 745, 235, 237, 251, 263, 783, 794, 796, 300, 825, 828, 318, 357, 365, 367, 882, 374, 890, 898, 421, 934, 435, 436, 439, 445, 493}, {8, 529, 24, 32, 564, 570, 574, 575, 576, 577, 68, 587, 589, 591, 81, 597, 599, 600, 89, 601, 603, 606, 607, 610, 611, 615, 616, 617, 619, 108, 620, 621, 622, 627, 628, 633, 122, 636, 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200, 213, 728, 736, 739, 237, 239, 765, 791, 285, 295, 300, 812, 304, 823, 342, 349, 351, 377, 899, 398, 403, 923, 936, 429, 450, 463}, {0, 4, 518, 520, 12, 536, 27, 29, 544, 568, 571, 60, 572, 62, 574, 575, 577, 578, 69, 70, 582, 583, 74, 588, 592, 593, 594, 595, 597, 89, 602, 605, 607, 609, 610, 611, 614, 617, 619, 621, 622, 625, 626, 115, 628, 629, 630, 631, 633, 634, 635, 126, 639, 640, 127, 642, 643, 644, 651, 652, 654, 655, 660, 662, 713, 236, 750, 239, 753, 759, 769, 795, 797, 798, 799, 800, 803, 804, 805, 808, 811, 814, 308, 824, 313, 827, 324, 836, 844, 345, 863, 381, 422, 438, 465, 486, 496}, {535, 25, 541, 32, 40, 554, 49, 568, 571, 572, 573, 574, 63, 581, 584, 585, 587, 590, 592, 593, 594, 83, 595, 601, 606, 608, 609, 98, 613, 615, 617, 620, 621, 113, 626, 627, 628, 630, 631, 120, 633, 635, 636, 125, 642, 644, 645, 646, 648, 650, 653, 654, 657, 658, 659, 148, 660, 661, 158, 677, 689, 695, 713, 722, 747, 748, 758, 251, 767, 772, 799, 290, 812, 832, 837, 856, 370, 372, 890, 891, 386, 402, 915, 435, 436, 442, 444, 453, 493, 494, 499}, {0, 10, 540, 30, 39, 552, 51, 54, 65, 71, 596, 603, 605, 610, 615, 630, 635, 134, 646, 648, 139, 664, 665, 155, 667, 157, 669, 670, 671, 672, 674, 164, 677, 678, 683, 686, 691, 692, 693, 695, 696, 697, 698, 700, 701, 702, 703, 706, 707, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 211, 725, 726, 728, 730, 732, 733, 734, 224, 737, 740, 741, 743, 745, 746, 747, 750, 755, 757, 758, 248, 761, 762, 804, 807, 836, 843, 342, 858, 862, 353, 871, 887, 382, 388, 404, 407, 409, 411, 416, 419, 431, 438, 459, 460, 465, 476, 502}, {5, 24, 542, 545, 37, 41, 45, 579, 71, 583, 585, 599, 90, 91, 95, 96, 609, 100, 114, 638, 127, 643, 132, 133, 134, 645, 147, 663, 155, 670, 671, 673, 674, 675, 678, 680, 169, 681, 685, 687, 689, 693, 695, 696, 702, 706, 711, 715, 718, 719, 720, 722, 212, 725, 728, 729, 733, 735, 225, 738, 740, 742, 744, 745, 746, 747, 753, 757, 758, 765, 778, 269, 798, 810, 306, 820, 309, 836, 326, 839, 840, 332, 337, 850, 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375, 378, 382, 896, 390, 391, 908, 910, 938, 427, 456, 463, 472, 475, 476, 490}, {515, 519, 11, 15, 17, 18, 530, 20, 24, 27, 28, 38, 41, 46, 565, 56, 573, 582, 593, 594, 91, 607, 608, 104, 622, 624, 625, 627, 118, 127, 642, 135, 652, 654, 662, 664, 665, 667, 669, 160, 675, 679, 681, 683, 684, 685, 687, 688, 692, 693, 694, 696, 699, 701, 704, 705, 707, 709, 200, 713, 714, 715, 716, 717, 718, 722, 725, 732, 733, 734, 736, 737, 740, 743, 744, 746, 748, 237, 749, 750, 751, 752, 754, 755, 759, 760, 762, 772, 785, 789, 278, 279, 790, 800, 294, 308, 310, 311, 832, 835, 324, 365, 367, 881, 887, 888, 893, 387, 391, 394, 402, 408, 410, 922, 924, 929, 437, 438, 440, 448, 486, 490, 501}, {39, 559, 49, 60, 67, 69, 80, 592, 598, 93, 108, 620, 667, 668, 669, 670, 671, 673, 675, 676, 165, 679, 681, 682, 685, 686, 688, 177, 691, 692, 693, 694, 695, 696, 697, 699, 188, 700, 701, 703, 706, 709, 710, 711, 714, 718, 719, 721, 216, 730, 731, 733, 735, 737, 739, 740, 741, 743, 233, 745, 746, 237, 750, 751, 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836, 326, 844, 847, 345, 350, 864, 353, 374, 410, 415, 931, 938, 428, 434}, {6, 9, 526, 30, 42, 569, 577, 76, 589, 80, 88, 92, 623, 660, 663, 664, 665, 156, 670, 671, 674, 680, 686, 690, 691, 692, 181, 695, 698, 701, 702, 191, 703, 704, 709, 710, 713, 714, 716, 722, 723, 724, 726, 728, 734, 736, 225, 738, 739, 740, 744, 745, 751, 755, 756, 760, 762, 772, 784, 787, 278, 796, 799, 800, 808, 812, 814, 303, 818, 322, 329, 847, 341, 342, 865, 361, 370, 386, 399, 410, 418, 419, 422, 426, 431, 436, 473, 489, 505, 510}, {517, 525, 532, 32, 561, 63, 590, 593, 598, 90, 95, 623, 627, 646, 652, 663, 665, 669, 672, 677, 678, 167, 682, 683, 687, 688, 689, 693, 694, 699, 701, 702, 703, 192, 197, 709, 710, 711, 714, 715, 716, 718, 719, 721, 722, 723, 725, 726, 727, 728, 729, 730, 731, 732, 734, 736, 737, 739, 740, 741, 744, 748, 749, 753, 755, 244, 756, 757, 761, 762, 763, 766, 772, 789, 794, 814, 304, 816, 820, 822, 326, 858, 368, 369, 391, 404, 919, 430, 436, 452, 457, 472, 474, 509}, {0, 1, 15, 16, 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745, 752, 753, 754, 755, 756, 757, 758, 760, 761, 763, 798, 802, 816, 817, 845, 351, 355, 368, 382, 918, 421, 422, 434, 439, 446, 453, 467, 468}, {15, 533, 30, 543, 48, 54, 63, 64, 579, 583, 72, 584, 613, 617, 118, 640, 654, 663, 156, 669, 671, 674, 676, 678, 167, 680, 169, 170, 682, 684, 686, 689, 691, 181, 693, 695, 696, 186, 699, 702, 703, 705, 708, 711, 712, 713, 715, 718, 722, 726, 727, 728, 732, 733, 734, 223, 735, 737, 741, 742, 743, 749, 750, 759, 763, 257, 260, 264, 794, 288, 802, 809, 303, 815, 313, 327, 843, 846, 363, 365, 375, 393, 410, 935, 456, 482, 499}, {2, 4, 16, 530, 22, 27, 541, 558, 562, 55, 58, 582, 596, 88, 89, 106, 122, 639, 146, 663, 152, 664, 667, 669, 671, 673, 675, 164, 676, 678, 681, 685, 689, 690, 695, 699, 700, 702, 703, 705, 707, 708, 197, 712, 714, 716, 717, 721, 210, 722, 725, 730, 731, 734, 735, 739, 740, 741, 742, 744, 745, 747, 748, 749, 750, 751, 240, 752, 753, 757, 760, 762, 255, 280, 805, 809, 811, 812, 813, 818, 846, 860, 867, 368, 884, 378, 384, 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748, 749, 750, 755, 756, 757, 759, 760, 764, 767, 778, 274, 787, 798, 801, 296, 815, 308, 821, 828, 834, 323, 849, 851, 341, 350, 866, 881, 380, 385, 391, 402, 410, 411, 924, 418, 450, 477}, {514, 21, 540, 38, 45, 48, 49, 561, 68, 589, 591, 595, 600, 609, 625, 641, 658, 663, 154, 666, 670, 673, 674, 675, 677, 678, 679, 682, 683, 685, 687, 689, 691, 696, 697, 701, 192, 705, 706, 707, 709, 713, 714, 717, 718, 720, 723, 724, 725, 728, 733, 735, 738, 739, 741, 742, 743, 744, 748, 749, 755, 757, 759, 760, 761, 781, 275, 787, 278, 281, 798, 799, 802, 295, 809, 810, 811, 828, 837, 328, 841, 843, 846, 849, 369, 884, 392, 400, 919, 425, 427, 939, 437, 486, 495, 500}, {531, 23, 53, 576, 585, 587, 79, 83, 88, 615, 110, 115, 632, 637, 650, 658, 664, 665, 668, 671, 673, 163, 675, 676, 677, 678, 679, 680, 684, 688, 690, 691, 182, 700, 701, 703, 705, 710, 713, 717, 718, 721, 723, 724, 730, 731, 734, 738, 740, 741, 742, 743, 745, 746, 752, 755, 756, 757, 764, 765, 268, 269, 789, 284, 798, 289, 822, 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405, 406, 431, 434, 437, 452, 457, 459, 461, 466, 468, 471, 472, 478}, {517, 16, 532, 31, 42, 58, 590, 591, 80, 600, 607, 611, 619, 631, 632, 645, 142, 151, 664, 666, 667, 668, 678, 679, 680, 681, 683, 174, 687, 688, 177, 695, 696, 697, 700, 703, 705, 706, 197, 709, 711, 712, 713, 716, 721, 723, 724, 213, 726, 728, 729, 732, 733, 734, 735, 737, 739, 741, 742, 743, 232, 745, 748, 753, 754, 758, 760, 761, 774, 271, 801, 805, 807, 812, 312, 830, 834, 324, 842, 335, 338, 348, 350, 863, 358, 870, 883, 383, 390, 391, 401, 413, 422, 435, 445, 446, 451, 469, 470, 472, 479}, {7, 15, 530, 28, 33, 71, 76, 79, 593, 597, 600, 111, 625, 636, 639, 129, 641, 132, 660, 665, 667, 668, 669, 674, 675, 676, 168, 683, 686, 688, 690, 691, 692, 694, 695, 697, 699, 701, 704, 706, 707, 708, 709, 714, 716, 718, 719, 720, 721, 722, 723, 727, 728, 729, 730, 733, 734, 737, 738, 741, 742, 745, 748, 238, 750, 754, 757, 758, 761, 250, 762, 768, 795, 798, 805, 806, 305, 308, 315, 833, 840, 329, 844, 852, 855, 350, 368, 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830, 322, 836, 837, 838, 327, 328, 839, 841, 842, 332, 843, 844, 846, 851, 347, 860, 352, 368, 884, 404, 922, 422, 429, 446, 474, 479, 481, 482, 485, 491}, {522, 523, 21, 32, 570, 60, 579, 72, 83, 85, 608, 609, 610, 613, 620, 113, 629, 630, 126, 131, 137, 655, 153, 158, 162, 674, 165, 696, 698, 699, 703, 711, 200, 720, 210, 727, 729, 738, 744, 745, 754, 763, 766, 769, 771, 776, 777, 778, 780, 783, 785, 275, 787, 789, 791, 796, 285, 797, 798, 799, 801, 804, 805, 807, 812, 301, 816, 817, 818, 819, 821, 822, 826, 827, 830, 831, 320, 832, 833, 834, 835, 836, 837, 327, 839, 840, 330, 841, 845, 846, 336, 337, 848, 849, 872, 362, 363, 368, 375, 383, 385, 901, 412, 416, 425, 428, 466, 467, 468, 491, 498, 506}, {0, 516, 517, 14, 527, 16, 17, 21, 23, 535, 538, 31, 550, 551, 40, 558, 563, 580, 69, 582, 586, 82, 595, 604, 93, 98, 101, 613, 111, 625, 118, 634, 648, 649, 666, 162, 688, 180, 702, 715, 211, 730, 230, 234, 748, 750, 752, 250, 766, 769, 772, 773, 777, 266, 779, 780, 781, 271, 784, 787, 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772, 261, 773, 774, 775, 778, 779, 781, 784, 273, 785, 786, 788, 789, 790, 792, 795, 285, 797, 798, 800, 802, 803, 804, 805, 807, 299, 812, 813, 815, 816, 819, 824, 825, 829, 318, 831, 833, 322, 835, 836, 838, 329, 845, 847, 848, 337, 338, 849, 851, 852, 349, 362, 877, 379, 894, 400, 402, 427, 432, 477, 480, 498, 499, 502}, {0, 9, 10, 525, 537, 28, 544, 546, 47, 50, 55, 581, 85, 601, 99, 614, 104, 619, 121, 634, 635, 641, 643, 664, 155, 677, 177, 179, 695, 698, 187, 703, 205, 207, 733, 243, 244, 760, 763, 764, 766, 767, 769, 770, 771, 774, 263, 776, 265, 777, 779, 785, 274, 787, 789, 791, 794, 795, 800, 801, 802, 805, 806, 297, 810, 820, 309, 311, 823, 825, 315, 316, 829, 830, 831, 832, 835, 836, 840, 842, 843, 845, 846, 847, 848, 849, 851, 344, 858, 355, 361, 880, 371, 373, 404, 919, 408, 923, 418, 421, 424, 939, 432, 470, 475, 476, 492, 511}, {513, 9, 522, 529, 549, 39, 43, 555, 558, 48, 561, 566, 574, 63, 67, 583, 79, 89, 602, 621, 114, 630, 636, 124, 126, 643, 139, 140, 143, 658, 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569, 591, 595, 91, 117, 629, 631, 632, 121, 638, 126, 128, 130, 648, 651, 657, 146, 166, 679, 168, 680, 171, 683, 179, 706, 196, 713, 209, 722, 737, 740, 746, 237, 244, 758, 762, 764, 256, 768, 771, 772, 774, 775, 268, 783, 784, 275, 276, 788, 789, 790, 794, 795, 799, 801, 802, 803, 805, 806, 807, 808, 811, 813, 815, 817, 818, 819, 820, 823, 824, 825, 829, 830, 831, 832, 833, 322, 838, 845, 336, 850, 339, 851, 852, 349, 861, 355, 870, 878, 891, 382, 387, 396, 419, 423, 443, 473, 481, 484, 509}, {8, 524, 15, 23, 27, 547, 557, 559, 561, 53, 56, 572, 72, 76, 599, 603, 97, 98, 609, 100, 610, 619, 118, 630, 637, 638, 125, 649, 661, 665, 666, 669, 675, 695, 705, 709, 715, 724, 725, 753, 759, 249, 763, 764, 765, 766, 253, 768, 769, 770, 771, 774, 775, 777, 779, 781, 784, 785, 788, 789, 791, 792, 795, 798, 799, 802, 803, 806, 295, 810, 811, 814, 817, 820, 824, 827, 828, 830, 831, 832, 834, 326, 839, 331, 843, 844, 334, 845, 846, 847, 848, 849, 850, 852, 854, 343, 856, 347, 357, 882, 884, 378, 382, 389, 396, 913, 917, 920, 414, 426, 938, 451, 457, 462, 473, 480, 495, 499}, {519, 522, 525, 536, 568, 78, 593, 595, 601, 91, 96, 617, 111, 133, 144, 661, 664, 154, 667, 158, 675, 680, 684, 173, 687, 699, 716, 211, 729, 733, 734, 735, 739, 740, 741, 743, 748, 763, 764, 253, 767, 770, 772, 774, 775, 776, 777, 779, 781, 783, 785, 786, 788, 792, 795, 797, 799, 800, 801, 803, 804, 808, 809, 298, 810, 811, 302, 814, 816, 818, 820, 309, 821, 822, 824, 828, 829, 318, 319, 320, 830, 833, 835, 836, 839, 330, 842, 844, 848, 852, 856, 351, 362, 367, 372, 376, 892, 381, 393, 917, 407, 429, 441, 443, 468, 473, 507, 509}, {2, 3, 517, 524, 525, 14, 526, 16, 534, 40, 562, 566, 572, 63, 578, 70, 582, 593, 597, 620, 621, 111, 117, 638, 647, 659, 661, 662, 153, 668, 158, 177, 691, 692, 696, 185, 186, 706, 734, 226, 748, 763, 768, 769, 770, 771, 774, 776, 783, 785, 786, 787, 788, 789, 790, 283, 795, 796, 797, 798, 802, 803, 805, 807, 809, 298, 813, 814, 815, 816, 819, 309, 821, 822, 823, 824, 826, 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724, 221, 222, 735, 736, 227, 744, 753, 763, 764, 252, 769, 770, 772, 261, 774, 776, 777, 778, 779, 780, 781, 782, 783, 272, 785, 786, 787, 788, 279, 791, 792, 793, 798, 289, 804, 805, 807, 811, 813, 815, 816, 817, 822, 825, 830, 832, 323, 324, 836, 837, 840, 841, 845, 847, 848, 851, 852, 357, 877, 383, 910, 420, 934, 938, 431, 432, 477, 486, 489, 503}, {0, 517, 524, 17, 19, 546, 550, 39, 551, 42, 53, 583, 586, 78, 79, 590, 83, 84, 607, 613, 637, 640, 134, 136, 138, 141, 656, 661, 663, 664, 675, 175, 705, 709, 202, 723, 745, 746, 237, 241, 763, 764, 768, 769, 773, 774, 776, 777, 778, 780, 781, 783, 785, 786, 789, 281, 793, 798, 799, 289, 803, 298, 810, 814, 815, 817, 818, 821, 310, 824, 827, 831, 832, 833, 835, 839, 840, 842, 849, 346, 351, 360, 872, 874, 882, 373, 906, 397, 910, 922, 412, 928, 937, 499, 504, 508, 509, 511}, {521, 13, 15, 527, 545, 553, 559, 577, 580, 586, 97, 613, 106, 619, 108, 116, 662, 667, 156, 159, 676, 166, 685, 176, 691, 693, 696, 709, 710, 711, 203, 719, 720, 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{532, 541, 34, 547, 49, 562, 55, 570, 60, 592, 596, 91, 617, 627, 116, 117, 120, 121, 122, 133, 645, 652, 150, 151, 674, 682, 172, 174, 688, 694, 698, 699, 193, 710, 207, 721, 734, 749, 764, 766, 769, 772, 773, 774, 263, 782, 783, 785, 792, 793, 794, 795, 285, 799, 804, 807, 810, 813, 815, 819, 821, 826, 827, 318, 831, 832, 833, 834, 835, 839, 328, 840, 846, 847, 850, 339, 852, 855, 859, 866, 364, 879, 369, 886, 380, 893, 401, 915, 405, 412, 422, 423, 424, 934, 437, 463, 467, 478, 479, 496, 508}, {521, 537, 40, 566, 586, 94, 608, 613, 625, 630, 634, 635, 124, 126, 639, 643, 134, 647, 650, 143, 156, 157, 158, 670, 677, 173, 178, 692, 738, 748, 242, 754, 760, 763, 765, 766, 767, 768, 769, 771, 773, 776, 778, 783, 784, 787, 795, 798, 290, 803, 804, 806, 809, 299, 811, 813, 815, 304, 816, 817, 820, 822, 312, 313, 824, 836, 838, 839, 332, 845, 846, 847, 848, 849, 850, 340, 852, 859, 357, 371, 891, 386, 387, 391, 402, 407, 409, 922, 417, 461, 468, 486, 489}, {525, 17, 18, 533, 22, 546, 582, 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930, 931, 932, 933, 935, 940, 941, 435, 438, 459, 472, 484, 494, 500, 503, 507, 510}]

iteration number: 0

final votes

[['A' 'B' 'C']]

[[314 329 300]]

Final winner is: B

End :

[[ 33 147 249 336 460 571 673 750 863 943]]

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