11,32,65,70,72,73,77,82,113,120,129,142,171,218,232,233,234,235,236,243,248,249,250,254,260,262,263,265,266,270,272,273,286,289,291,311,316,326,327,332,336,340,350,356,365,380,382,384,391,397,400,416,437,494,496,503,507,515,517,522,523,525,526,556,565,566,579,587,620,627,644,650,660,689,706,722,728,729,734,737,747,748,758,759,786,792,803,820,831,838,862,864,865,869,873,875,877,882,887,892,905,913,917,939,943,952,953,955,956,957,986,1197,1201,1204,1206,1207,1210,1215,1219,1221,1222,1223,1227,1228,1229,1233,1236,1237,1239,1249,1253,1264,1265,1273,1287,1290,1312,1314,1319,1334,1344,1363,1367,1381,1383,1387,1391,1407,1418,1454,1468,1471,1472,1489,1490,1513,1520,1521,1544,1555,1556,1557,1569,1604,1626,1633,1634,1636,1637,1638,1643,1644,1672,1713,1715,1779,1783,1788,1791,1797,1804,1814,1818,1823,1825,1828,1829,1835,1836,1840,1841,1846,1847,1860,1898,1902,1922,1944,1945,1946,1952,1964,1971,1984,1985,1988,1990,2012,2015,2018,2025,2040,2052,2058,2070,2078,2082,2121,2141,2143,2145,2153,2155,2166,2182,2200,2223,2227,2232,2255,2321,2329,2339,2340,2350,2362,2370,2405,2434,2474,2519,2534,2548,2578,2581,2596,2618,2620,2622,2624,2630,2712,2752,2754,2755,2806,2808,2875,2958,2959,2995,3030,3073,3075,3086,3100,3112,3126,3133,3151,3157,3165,3204,3211,3292,3351,3358,3474,3564,3594,3662,3697,3710,3717,3858,3862,3865,3885,4067,4077,4164,4279,4331,4738,4760,4809,4955,5086,5206,5207,5208,5282,5326,5362,5391,5392,5528,5607,5625,5626,5627,5628,5688,5742,5845,5882,5884,5885,5902,6024,6180,6487,6722,6726,7023,7165,7281,7303,7583,7702,7706,7777,7906,7992,8001,8031,8092,8110,8130,8267,8425,8426,8481,8514,9025,9156,9341,9378,9384,9627,9688,9697,9750,9863,9917,9942,9955,10123,10152,10341,10344,10354,10379,10396,10409,10446,10518,10540,10545,10547,10594,10602,10605,10637,10826,10908,10909,10967,10968,11021,11122,11203,11266,11424,11446,11469,11544,11547,11548,11551,11564,11650,11654,11655,11703,11731,11779,11788,11979,11998,12009,12019,12036,12089,12090,12131,12170,12204,12210,12260,12286,12376,12420,12470,12502,12503,12514,12587,12651,12652,13245,13250,13362,13403,13411,13491,13493,13508,13564,13624,13625,13668,13694,13752,13811,13866,14000,14002,14003,14004,14078,14080,14128,14215,14219,14374,14393,14438,14448,14499,14567,14619,14684,14768,14771,14973,15105,15163,15322,15465,15468,15609,15613,15748,15760,15929,15973,16126,16127,16141,16185,16187,16188,16321,16367,16426,16522,16569,16570,16571,16584,16634,16641,16650,16765,16985,17023,17026,17201,17252,17260,17261,17276,17301,17315,17320,17346,17360,17364,17379,17387,17401,17403,17405,17418,17429,18081,18202,18226,18244,18246,18469,18483,18703,19226,19498,19499,19543,19548,19559,19577,19706,19732,19830,19946,20174,20180,20502,20507,20574,20775,20862,21247,21300,21579,21664,21692,21770,21903,22524,22647,22758,22905,23123,23177,23217,23381,23478,23712,23730,23753,23761,23797,23868,23895,23896,23979,24038,24057,24527,24780,24831,24929,25234,25313,25343,25922,25940,26008,26023,26043,26055,26091,26237,26395,26695,26748,26801,26916,27070,27269,27322,27556,27605,27623,27625,27634,27689,27700,27719,27749,28215,28273,28288,28300,28346,28360,28604,28699,28911,28935,28949,29047,29059,29713,29782,29939,30332,30333,30340,30352,30404,30557,30563,30622,31126,31152,31208,31356,31358,31371,31394,31409,31418,31419,31420,31440,31830,31904,31962,32909,33795,33976,34047,34060,34337,34403,34473,35082,35083,35084,35094,35104,35137,35144,35209,35499,35529,35532,35660,35676,35736,35833,36438,36930,37037,37164,37167,37290,37627,37802,37843,38039,38114,38126,38445,38707,38768,38878,38923,38928,39048,39234,39249,39277,39399,39409,39498,39499,39524,39532,39539,39624,39655,39719,39729,39913,39926,39969,39970,40211,40265,40327,40389,40391,40784,40793,40929,40933,41011,41044,41479,41531,41824,42599,42781,42866,42908,42965,42968,43102,43109,43186,43207,43211,43227,43479,43628,43635,43918,44022,44201,44205,44362,44368,44461,44470,44539,44609,44702,44734,44901,44903,44942,45064,45169,45180,45252,45259,45311,45478,45500,45501,45749,46432,46434,46519,46601,46602,46683,46810,46836,46843,46844,46912,47118,47121,47122,47163,47222,47499,47501,47555,47683,47732,47830,47918,48187,48199,48311,48482,48831,48851,48949,49089,49118,49185,49186,49826,49868,49889,49941,49943,49946,49947,49971,49992,50160,50165,50191,50287,50432,50499,50537,50539,50546,50655,51007,51376,51566,52008,52887,53639,53781,53805,53806,53830,53834,53851,53950,54062,54351,54355,54403,54404,54408,54409,54484,55099,55174,55228,55338,55407,55583,55705,55750,55756,55863,55978,56079,56523,56711,56754,56772,56783,56837,57068,57153,57307,57402,57585,57716,57968,57989,57996,58027,58138,58183,58216,58230,58245,58278,58428,58432,58447,58911,58920,58940,58978,59000,59169,59176,59178,59581,59706,59781,60212,60244,60299,60325,60346,60348,60438,62203,62648,62881,62998,63358,63403,63459,63486,63523,63684,63764,64244,64313,64747,64765,64766,65506,65507,65508,66158,66161,66165,66293,66426,66649,66918,66957,67101,67356,67470,67579,67694,67893,68437,68790,69074,69239,69804,69805,69810,69836,71384,71671,71676,72161,72302,72581,72582,72813,72814,72942,73105,73625,73781,74166,74180,74380,74500,74554,74899,74917,74973,75028,75119,75178,75270,75425,75452,75455,75471,75480,81513,81865,81913,81936,81941,82283,82530,82614,82620,83208,83600,83882,84301,84460,84535,84647,84757,84972,85996,86126,86176,86281,86684,86798,87119,87125,87398,87972,88212,88662,88663,88744,88771,88801,89117,89396,89965,89980,90312,90471,91385,91633,92107,92635,92637,92942,93013,93377,93645,94000,94534,94644,94838,94870,94917,94966,95043,95050,95357,95443,95789,97427,97739,98109,98378,98576,99401,99821,100254,100719,101037,101185,101359,101419,101420,101424,101454,101500,101700,101716,102816,102933,103729,103946,104103,104137,104146,104191,104261,104511,104564,104592,104659,104874,104876,104894,105008,105172,105219,105245,105512,105529,105713,105786,105836,105840,105842,105905,106195,106221,106225,106228,106235,106851,106912,107131,107319,107994,108027,108625,108806,108833,108835,109422,109794,109931,110208,110737,110795,111047,111563,112254,112255,112292,112373,112475,112481,112586,113391,113448,113618,113820,114497,114570,114595,114683,114715,114906,114941,114970,115088,115396,115610,115733,116985,117255,117442,117654,117860,117873,118055,118078,118240,118248,118322,118454,118592,118629,119248,119999,120113,120120,120127,120359,120545,120670,120753,120776,120914,120951,121073,121436,121447,121565,121785,121824,122009,122181,122195,122216,122222,122311,122370,122375,122850,123305,124045,124091,124097,124641,124822,124826,124828,124829,124894,125086,125232,125370,125618,125756,125907,126109,126570,126842,127318,127932,127937,128372,129331,129743,129798,129893,130285,130589,130866,130902,131078,131146,131161,131279,131529,131898,131907,131917,132303,132368,132539,132558,132561,133360,133462,134628,134726,134728,134761,134901,134915,135007,135037,135073,135083,135101,135107,135145,135146,135174,135243,135267,135277,135294,135307,135320,135354,135401,135464,135483,135487,135764,135789,135792,135794,136006,136141,136144,136258,136331,136396,136485,136582,137287,137345,137378,137702,137812,138017,138183,139375,139577,139843,140288,140530,140541,141012,141097,141310,141566,141567,141815,142116,142351,142533,142709,144252,144298,144502,144537,144565,144566,145110,145875,146229,146442,146977,147246,147262,147471,147474,147947,148055,148288,148351,148418,148441,148665,148737,148745,148758,148769,148772,148890,148955,149241,149416,149863,149866,149867,149869,149974,150076,150626,150679,150866,150911,151010,151037,151457,151531,152000,152099,152231,152579,152624,152769,152868,152970,153099,153384,154040,154201,154474,154501,154504,154505,155041,155865,155929,156673,156918,157041,157372,158211,158376,158569,158667,158827,159358,159402,159427,159579,159753,159754,159779,159879,159925,160029,160030,160032,160163,160490,160686,160708,161574,161840,161842,162253,162357,162707,162891,163152,163243,163325,163456,163470,164200,164430,164900,165252,165583,165585,165881,165950,166044,166353,166410,166722,166819,166880,167319,167548,167792,167793,167813,167971,167998,168105,168145,168283,169176,169354,169470,170157,172351,172553,172554,172652,172654,172731,173026,173047,173048,173136,173137,173315,173316,173317,173710,173782,173976,174232,175086,175429,176075,176101,176103,176273,176713,177010,177132,177227,177276,177390,177394,177459,177577,177707,177854,178230,178298,178418,178420,178938,179631,179688,179815,180670,180750,180867,180965,181354,181627,181632,181857,181862,181864,181867,182767