DataSet Size :10000000

Query0:

-63 42 -133 119 -121 -102 28 5 -68 110 84 118 97 88 147 -108 -153 51 153 13 47 19 -134 78 -39 0 -86 -9 123 -98 -81 72 -150 119 7 -163 -7 118 67 2 -112 73 -1 63 -187 62 -179 -72 85 -161 33 158 25 66 -241 55 61 -38 176 109 -41 28 -82 24 21 146 -22 38 123 -42 225 171 102 -147 -140 -15 -35 12 -144 -197 27 -162 2 169 -111 207 -101 -199 -66 46 89 -28 -38 142 -101 49 74 -125 16 192

-----------------------------------------------------------------------------

Time Elapsed: 21976

Query1:

-19 59 2 127 31 62 114 96 -72 112 51 -70 -97 -26 11 -112 27 -4 97 37 -41 -2 16 -34 16 -136 -51 0 14 -34 12 20 13 22 62 -202 -20 168 -161 -80 20 -28 -118 113 244 110 142 -141 -9 -104 80 -44 158 -44 65 -101 132 -55 -47 116 -43 143 4 73 -18 -52 64 -94 -39 91 21 60 124 -43 -105 16 -112 -28 19 -62 47 169 -32 41 -72 -30 23 24 138 61 3 -165 127 -51 69 113 64 -117 -126 177

-----------------------------------------------------------------------------

Time Elapsed: 28761

Query2:

-12 62 66 -59 184 -65 -71 117 178 2 41 -207 -82 -33 -24 24 85 -93 154 153 -69 159 133 1 119 53 155 126 -184 56 -118 71 22 -8 -14 26 -37 -51 -72 -203 151 187 -92 -27 101 25 -5 -97 95 14 0 304 48 32 -177 -105 -71 -46 -14 -91 -37 126 -133 -150 41 57 46 -209 135 3 47 162 -19 -71 44 -6 44 2 85 23 -183 -34 205 33 -27 -196 12 -88 61 -75 -93 -136 18 51 -91 2 62 171 175 -39

-----------------------------------------------------------------------------

Time Elapsed: 20758

Query3:

55 -2 32 -93 72 153 86 -77 118 -106 62 -17 71 -178 17 144 124 -42 -40 24 32 -95 -6 -12 -132 -46 71 85 -31 -39 127 115 137 144 -31 28 60 -108 95 36 -54 -80 54 79 -60 132 -65 -12 21 60 -47 -23 -7 -44 50 103 70 -98 24 30 -18 -108 -220 -1 -107 36 -64 -68 5 -111 10 -91 -172 -35 -82 -96 -87 84 186 1 -25 86 141 -87 -24 24 44 145 -19 23 108 119 -83 46 94 -68 132 -98 -191 162

-----------------------------------------------------------------------------

Time Elapsed: 43245

Query4:

-168 -214 144 55 -19 -64 21 47 68 -3 32 -93 42 15 -185 -29 -23 181 108 51 -102 -143 11 41 86 128 -11 -41 -125 134 -79 -149 -170 2 51 -113 25 -53 -73 -2 36 40 67 199 -44 67 -138 -182 15 134 232 -26 -8 1 -92 -181 9 -66 -18 24 81 18 125 -24 29 64 11 -156 137 -26 -83 -213 43 96 -32 23 16 -160 -67 54 -108 -78 35 65 -83 -22 -90 123 -61 -31 163 -254 -83 -157 51 155 42 59 261 101

-----------------------------------------------------------------------------

Time Elapsed: 16839

Query5:

14 -26 -64 -59 34 73 -28 97 30 91 41 116 62 -16 -11 -8 -27 -29 48 -28 103 83 42 -192 161 -237 -53 -118 -11 111 8 -136 19 85 -87 -7 -108 88 -31 0 13 18 -7 163 40 57 -33 -106 17 124 -44 93 -148 22 -63 -51 157 179 -29 -107 69 -134 124 122 9 20 -19 0 103 118 117 110 182 91 76 19 -104 -21 188 -12 20 75 105 -15 -23 -140 120 -55 70 35 -17 226 81 -9 -219 107 119 133 148 -146

-----------------------------------------------------------------------------

Time Elapsed: 16740

Query6:

-37 -177 22 -110 65 -5 152 93 -74 155 -39 14 -8 -85 129 70 -21 61 -75 31 17 -58 -199 -131 -33 -31 -2 24 -60 -86 -13 54 199 -113 -38 44 -65 72 -161 32 263 65 -7 -25 44 44 -199 -53 9 147 -33 -31 130 -109 -215 -134 69 -71 175 -200 84 134 34 119 -245 -2 -63 39 -8 16 75 10 40 -26 -94 -1 -95 38 -34 172 130 -132 147 29 -15 -29 -20 -95 11 184 5 -35 46 -191 -153 354 82 19 -108 100

-----------------------------------------------------------------------------

Time Elapsed: 17075

Query7:

48 -22 -155 203 96 -16 -141 130 -46 -36 -98 8 41 65 -13 106 102 -48 56 162 -193 53 -15 -64 129 106 45 42 -135 -170 99 154 196 23 -45 51 105 43 75 50 7 -42 54 -48 -60 130 -212 29 -57 -39 136 -133 45 102 -186 -149 31 -51 -149 4 -1 -88 35 142 -70 17 24 -56 32 75 -8 -61 149 -148 104 -165 -138 49 -18 87 61 -80 75 -34 -8 62 59 -48 91 -28 156 133 -59 -180 -99 17 29 22 -84 -98

-----------------------------------------------------------------------------

Time Elapsed: 16722

Query8:

36 -17 146 131 -154 -29 -54 -192 -38 -25 -30 -71 11 -120 -44 51 168 16 -94 158 -198 -166 -62 107 -125 30 17 31 68 164 -81 -27 -180 -1 -71 39 100 69 -97 20 -63 -37 -100 67 123 -27 112 175 -20 94 -47 171 -50 134 26 -93 -132 -166 31 -208 60 -19 -150 47 -54 -51 1 -69 -33 -27 143 35 31 152 2 -205 79 15 -42 114 -166 139 -133 272 -68 116 59 -28 -49 294 13 -174 -73 -21 -39 -34 -53 149 236 12

-----------------------------------------------------------------------------

Time Elapsed: 16798

Query9:

-18 -8 105 -36 51 -62 123 103 -19 38 -112 -62 -31 -3 -115 -110 64 28 -6 173 -103 62 -185 2 36 -150 -49 19 -190 -70 49 74 -53 45 138 -37 -68 71 -53 -66 -1 -120 -198 209 43 175 8 80 -177 58 -1 192 -84 121 -206 113 -64 43 -61 -198 -2 -133 -41 -207 -100 109 40 27 -81 74 -211 135 -21 -53 195 -106 11 8 -53 112 -157 112 -64 -124 166 52 28 36 86 111 6 -77 32 134 61 -18 -208 73 -31 144

-----------------------------------------------------------------------------

Time Elapsed: 16907

Query10:

10 117 -44 138 -124 64 27 -47 100 12 -186 -57 52 39 -33 -2 17 -148 -99 -92 12 8 33 -133 -50 -24 -145 125 32 -287 12 -23 -118 -219 34 -105 -61 -81 7 -94 -148 -112 17 44 46 -48 36 -24 70 29 -103 37 -10 -54 -50 151 -59 -18 -51 69 -149 -30 -56 -91 -142 143 -4 -89 107 57 153 -108 -76 17 -6 193 78 98 53 -4 117 -92 -54 56 -68 82 125 -17 65 -72 23 -121 73 0 -287 -6 -12 52 -4 -61

-----------------------------------------------------------------------------

Time Elapsed: 16818

Query11:

145 -206 98 42 -7 56 34 74 -6 -87 145 -5 21 -28 101 -21 -26 245 20 33 -34 -34 -103 -5 131 19 -14 -44 -40 -78 66 -14 -10 37 108 5 -60 144 -94 49 -59 36 -65 -210 66 128 -125 219 -53 -155 -5 -225 -147 -50 -136 -77 36 -92 221 46 -102 -95 -169 49 40 -42 -50 -31 -75 107 -18 123 45 53 -77 63 132 -80 -23 188 68 -14 -143 0 -65 92 68 -185 -40 40 -11 -65 68 -66 -74 95 105 -158 -116 36

-----------------------------------------------------------------------------

Time Elapsed: 16880

Query12:

-27 44 -53 -178 -33 -68 -255 128 80 -21 247 -28 -9 -30 -87 -173 -1 45 116 -35 -37 -87 -51 149 -73 28 -5 -24 81 9 55 63 84 -71 73 -57 -88 -54 -19 35 -77 -115 15 -66 60 64 -152 -78 94 89 -76 4 -95 -119 55 -52 188 -7 121 143 -11 94 -187 136 -117 -109 -91 56 163 13 32 28 -51 -46 116 102 -79 129 150 -90 -122 -80 -30 -56 -49 -43 -80 -15 147 13 163 -4 62 145 0 117 -130 15 -2 -6

-----------------------------------------------------------------------------

Time Elapsed: 16880

Query13:

-125 -14 49 113 -197 42 -27 -15 -10 64 -70 -22 -27 2 130 17 -45 -115 182 -168 -85 -113 -44 -130 9 188 -7 81 11 25 -43 113 -48 67 -96 0 -91 12 -39 72 -15 232 -179 -76 12 49 103 -96 154 63 18 0 88 -115 72 -127 -38 71 128 1 -70 1 -109 30 41 171 55 -1 93 -27 -154 113 -35 -19 5 -119 -27 51 100 39 35 -19 -239 9 210 128 69 -45 50 -72 -60 -53 -24 -12 -30 -178 35 41 -128 86

-----------------------------------------------------------------------------

Time Elapsed: 16912

Query14:

-166 -77 -73 -156 63 15 165 38 28 -157 -164 18 37 93 -170 20 8 -27 43 83 116 74 1 -11 -75 26 127 -1 -97 -127 -77 13 -153 121 -181 123 -41 -42 218 -54 -53 -13 -23 125 10 -41 147 78 22 -140 -53 -135 -98 119 -60 13 -41 39 45 -35 -51 138 34 -19 46 101 -32 -1 -50 -119 112 92 -96 -78 74 12 -62 50 26 -24 0 -102 -181 76 120 110 4 22 152 25 -53 39 -76 -214 -134 60 -132 117 -65 -74

-----------------------------------------------------------------------------

Time Elapsed: 16919

Query15:

74 27 85 0 -15 -158 85 174 144 -184 130 -27 -15 -88 51 154 -81 -116 -43 36 -90 -116 49 -104 95 305 -83 13 -63 -43 12 106 -3 -3 33 -101 28 -102 -86 29 -11 31 -104 -37 -81 -15 71 -81 236 -62 -108 -135 -106 110 38 74 -48 15 -78 131 68 -81 16 -108 -117 -106 8 125 -85 196 -116 -118 5 91 127 10 -169 -57 34 -218 30 -73 -24 -25 82 -14 -72 -99 -158 -75 68 27 -12 -49 -68 27 48 -35 52 -20

-----------------------------------------------------------------------------

Time Elapsed: 16712

Query16:

113 71 55 -19 -9 -163 4 10 79 105 6 -185 79 -109 -122 87 142 47 100 37 -12 -48 13 225 -132 -60 -9 -70 42 7 116 -207 -34 42 32 -50 31 148 -33 57 -80 -56 -41 133 -31 72 32 -143 11 89 159 -72 -2 -43 -18 14 62 -2 42 -70 -239 70 -76 -2 135 201 110 -65 -124 65 -72 -101 42 30 84 -42 130 132 -23 156 -149 147 39 8 -57 159 -22 20 -59 -115 -117 1 51 114 100 37 53 23 52 -168

-----------------------------------------------------------------------------

Time Elapsed: 16814

Query17:

88 -92 3 23 -101 -12 -69 -132 66 171 14 -1 -32 14 94 -79 71 107 -82 93 63 -3 24 69 -75 -122 -69 -20 39 46 -104 -32 94 -70 97 27 13 19 151 -16 193 50 -71 73 24 196 -227 -55 77 -121 49 -22 -65 -57 -20 337 -52 12 -49 -60 129 -70 -107 57 -14 44 80 -91 23 -43 54 97 -71 -33 -23 -44 -1 -130 87 69 -53 18 -35 -24 55 12 -5 13 104 -171 53 -43 2 -61 275 134 5 -44 145 266

-----------------------------------------------------------------------------

Time Elapsed: 16951

Query18:

-53 -80 -24 -23 10 10 -14 36 248 -62 -15 45 27 32 -117 51 -65 -159 -153 60 -43 -21 142 20 68 -6 42 -56 46 102 12 -212 -23 -72 11 -68 70 -118 -2 27 90 32 30 -199 101 3 54 29 64 54 148 -40 27 -121 65 -115 115 -130 -24 179 80 0 -183 -58 -106 51 26 -137 75 42 119 132 86 -15 81 -162 -27 -121 4 134 27 -88 59 44 162 79 -154 23 -76 57 -7 6 7 -38 140 -2 113 -44 -57 94

-----------------------------------------------------------------------------

Time Elapsed: 17033

Query19:

-324 -78 173 110 117 19 -158 92 -116 73 0 62 -94 -215 65 -59 -248 -201 -59 -99 -121 -39 33 147 -67 28 27 -76 -65 -33 46 -34 45 -44 -73 145 -16 223 -64 50 -63 60 -9 -162 -191 -40 -110 76 16 119 70 11 -84 -67 224 -50 -6 -114 -217 -77 -75 -101 -39 83 49 -99 1 57 229 21 -321 53 96 209 -70 119 264 -1 21 -120 -130 -83 -41 -180 -71 -121 -204 -113 50 -88 46 197 55 -50 51 -130 -158 60 57 71

-----------------------------------------------------------------------------

Time Elapsed: 16583

Query20:

-103 -74 -35 -65 177 -181 -24 169 208 -181 45 -123 -60 -45 171 65 -97 -33 -3 158 117 -234 5 -12 -43 109 35 -124 116 -33 -91 50 -47 53 188 107 -143 102 48 -5 -1 93 -29 57 -63 58 -101 -47 17 35 -9 66 177 -42 131 47 12 63 23 27 -150 -48 25 13 46 -93 -79 129 -26 -147 51 59 71 148 81 36 -208 127 125 163 123 65 -194 174 39 58 47 -114 -166 3 80 70 -45 -172 -45 14 -49 -1 -155 -72

-----------------------------------------------------------------------------

Time Elapsed: 16641

Query21:

-123 220 66 153 62 -27 -91 33 -58 87 -244 80 18 -78 182 38 -80 -157 -206 67 -51 -24 42 -108 44 72 -182 14 -109 -269 -171 20 -27 14 -135 -27 -38 18 14 -48 -65 -60 45 6 -27 34 51 31 42 -69 2 -196 115 -69 21 -65 177 45 129 374 -55 -112 -64 -39 80 -52 -47 3 -51 202 93 60 -115 -45 -35 9 1 70 164 -45 -151 -23 -189 -80 -245 -132 83 -144 236 -127 -147 81 55 5 -63 115 10 153 -111 -172

-----------------------------------------------------------------------------

Time Elapsed: 16659

Query22:

73 47 35 4 -17 -17 65 59 -87 31 73 14 144 10 -168 -145 -63 118 106 -54 -119 21 232 -117 -4 93 52 2 32 0 7 -2 21 -186 255 -105 -36 35 -88 54 -4 79 45 -28 144 40 -14 29 -41 23 -47 -109 140 99 -89 0 181 -194 -30 -75 57 24 91 94 -54 48 92 86 96 66 -63 199 -116 -81 94 41 -70 71 -139 -32 -89 -80 117 -53 89 -8 -18 76 30 44 15 47 88 -143 321 -41 -197 61 -194 -79

-----------------------------------------------------------------------------

Time Elapsed: 16929

Query23:

-38 -55 -11 100 -14 25 66 1 -3 77 67 51 -90 -39 -27 135 -68 -85 80 -51 -2 -95 6 52 136 -76 69 93 183 11 -60 6 114 324 206 149 -154 199 26 -280 141 -9 76 -131 198 -60 69 -39 96 -163 -209 58 -13 39 -221 145 9 5 147 159 -1 235 44 114 62 251 240 -70 -190 -5 98 19 45 -21 31 83 88 28 11 46 53 -13 -26 138 12 9 78 134 46 104 -9 65 28 -44 -55 8 12 -15 -88 -131

-----------------------------------------------------------------------------

Time Elapsed: 16541

Query24:

-138 -8 -183 42 -91 -126 90 -92 -10 12 13 76 159 16 -137 -1 118 12 187 51 -54 -13 -49 33 -171 65 -43 -58 -135 -75 -106 222 263 -140 -19 20 174 16 -107 106 64 -16 91 -91 51 38 120 53 17 90 184 5 -160 29 -11 -74 147 56 -11 164 180 55 143 80 -63 136 12 -67 -95 -94 -77 74 -56 7 -183 155 10 -66 -17 -27 96 -135 233 11 -13 -77 16 97 117 -25 -258 18 14 11 85 -39 4 257 -50 112

-----------------------------------------------------------------------------

Time Elapsed: 16765

Query25:

-48 201 -110 44 -80 -6 -22 49 3 263 33 151 27 57 -61 -135 -39 14 130 -18 -171 -115 89 26 -121 118 14 29 128 209 -84 10 -248 156 -314 117 87 196 91 -156 9 104 -210 66 45 -11 40 -6 -43 35 111 -80 96 -53 -111 -128 -101 147 101 -92 -136 -52 143 -33 10 15 -82 -188 26 -36 -143 27 -45 139 -8 3 -196 -26 118 -37 -37 -61 25 113 -75 60 -151 69 17 -65 -55 -44 -269 100 -17 -124 -230 12 15 -184

-----------------------------------------------------------------------------

Time Elapsed: 16824

Query26:

70 -88 -147 -23 -196 -22 -36 115 171 -176 15 170 74 -63 -59 -64 149 67 -22 -60 147 23 48 -55 -36 127 122 -111 -125 31 -166 52 -180 -91 -30 -54 22 5 -94 42 22 36 98 -77 -8 14 -64 -131 14 10 -40 -150 -63 -108 -20 48 -144 -38 -18 -53 69 -100 85 -10 6 -15 -38 -17 -64 38 37 68 18 77 -38 242 48 71 24 -78 -32 -138 87 -33 82 58 -17 -134 146 41 120 -61 33 101 95 196 -96 -106 -105 72

-----------------------------------------------------------------------------

Time Elapsed: 16945

Query27:

15 161 28 257 -6 -120 24 40 -16 -148 95 -78 -22 -19 33 52 119 -83 79 170 13 67 -86 -89 -67 37 -89 -48 80 205 17 -66 246 -64 -127 98 82 70 17 87 64 161 110 47 -63 -225 45 -58 -2 61 1 -53 105 52 21 -131 19 -210 170 130 -92 -25 -14 22 -87 108 -43 -165 -172 8 -13 -78 90 49 -111 -141 102 39 115 131 260 39 220 107 -106 19 96 258 96 -37 40 -10 148 215 -57 -40 -132 89 -126 -55

-----------------------------------------------------------------------------

Time Elapsed: 16750

Query28:

15 -8 -57 83 67 -48 5 -222 45 88 -13 88 -183 50 -28 22 161 -134 18 -39 -64 56 -155 -110 -23 122 -56 10 158 172 -95 14 111 10 -81 -10 85 -132 11 63 -86 -40 -19 -8 65 -72 -127 -123 -78 30 219 -147 118 90 -177 -25 -35 69 -106 3 74 -53 -8 80 49 -91 156 -63 -40 40 59 22 205 -135 71 229 -11 -51 -92 -277 84 -27 -30 63 -175 60 4 -10 6 102 123 51 211 -45 163 37 78 22 -198 -105

-----------------------------------------------------------------------------

Time Elapsed: 16902

Query29:

64 -106 -67 36 -6 164 -97 -50 -8 -193 -190 32 41 -114 30 11 -62 102 -13 -53 48 212 -2 -36 -77 95 -152 -22 68 34 -20 7 142 -79 -32 119 51 54 -78 -9 51 -30 -47 138 114 -111 -141 -187 -211 -33 -39 134 -44 -168 -9 -88 -21 5 -95 -118 -200 60 -46 6 148 -97 -101 -13 -329 -90 -122 7 2 -51 76 132 -54 -11 121 69 -26 98 -188 263 113 -230 12 -271 108 139 -7 -36 -226 -72 27 14 211 -108 -119 -174

-----------------------------------------------------------------------------

Time Elapsed: 16612

Query30:

-66 -110 -128 -95 83 -207 -77 -73 210 28 64 -143 -5 127 -125 66 50 -59 -53 70 139 10 -166 39 62 -9 -158 34 11 -25 -97 171 -171 -47 117 -101 -29 123 -34 -210 -95 12 -75 -112 -44 144 35 55 114 150 -211 -107 18 -148 -174 -17 -107 -22 -135 90 -68 100 90 76 -6 195 -57 -154 -63 78 33 14 24 -77 84 1 18 -61 28 -147 -28 22 243 -39 -115 -101 31 -69 88 63 -44 80 -203 -77 152 76 -72 156 136 -9

-----------------------------------------------------------------------------

Time Elapsed: 16673

Query31:

14 27 -125 124 129 162 90 -186 -43 124 -48 -56 -66 129 -132 44 -71 -2 -17 115 -6 -1 -110 -5 67 -14 16 -27 -11 -76 83 -5 -75 25 7 44 60 130 -32 -92 68 50 -200 -40 -116 -39 42 104 119 -15 4 -104 33 3 12 25 -144 106 14 63 -47 -11 37 156 22 -89 139 75 57 -140 81 42 -199 16 96 -49 244 -26 103 -50 115 71 -40 -156 -46 -5 -64 26 77 -26 -13 -150 24 119 -20 150 -243 -30 -34 -48

-----------------------------------------------------------------------------

Time Elapsed: 16975

Query32:

-18 106 -10 -129 10 62 -37 48 -74 -36 71 21 2 9 -118 248 67 -95 -5 69 -166 13 44 23 -239 70 111 8 -57 80 283 265 48 -167 -38 178 58 156 -156 -58 95 54 -61 -83 73 -74 -65 154 -71 18 -7 -11 176 -83 36 -113 63 -21 -82 -140 167 37 32 -229 -100 -193 -30 24 -18 51 45 12 -36 -14 -49 147 75 12 -116 -63 -249 -7 128 51 -53 30 -159 -151 75 23 127 -10 69 42 -165 -72 -2 16 -169 46

-----------------------------------------------------------------------------

Time Elapsed: 16899

Query33:

11 65 239 -10 23 75 -147 -105 -79 59 117 34 -210 37 -112 9 18 77 -10 52 -143 57 50 -46 -12 -168 118 -65 -187 -53 29 -45 -13 1 78 12 155 -5 22 29 -45 -41 19 -146 -132 -81 -85 50 -6 -4 -103 -77 22 -172 -6 2 -17 68 -109 174 54 -146 37 -91 -33 -61 -89 -60 14 2 156 -31 64 -142 -169 67 49 113 16 -8 145 -7 41 -195 -104 135 49 -250 -121 -51 70 121 29 66 53 146 144 198 56 -29

-----------------------------------------------------------------------------

Time Elapsed: 16881

Query34:

61 -13 327 -2 11 -8 -69 -8 0 96 107 -23 -68 22 224 45 -40 107 22 42 79 77 -3 71 -96 3 -205 -164 41 -90 11 -45 -58 206 30 -132 166 25 168 271 89 -96 -110 96 -200 72 137 26 -209 1 162 -47 -80 32 18 -70 -141 -44 45 -148 -66 38 120 57 123 -72 43 92 53 0 -106 -41 -113 -144 -124 -148 -124 25 147 199 -10 -2 79 19 -320 37 142 45 -129 105 -156 -235 146 59 -113 -113 125 -40 10 1

-----------------------------------------------------------------------------

Time Elapsed: 16701

Query35:

-103 -5 -20 62 56 -49 5 -128 -41 -52 -69 -51 -36 52 83 -210 -90 136 19 3 -207 89 1 -51 -7 10 -116 44 -85 -162 -93 113 24 -141 -11 106 -120 97 -36 39 21 -71 -69 85 -58 144 48 40 -113 -12 77 -139 -2 -248 20 -196 -75 -121 -20 -26 -59 -125 -87 -51 -49 97 -72 -38 -32 -30 -48 -57 -12 24 125 64 11 90 -62 25 -243 -141 -20 146 11 93 43 -113 21 -165 -330 19 -59 -290 -36 -122 17 170 -37 -166

-----------------------------------------------------------------------------

Time Elapsed: 16635

Query36:

-114 74 -134 47 -106 -42 -97 -205 -25 48 -164 -12 17 -47 207 -62 -102 -70 20 -52 -31 -58 -51 -45 185 39 -70 24 16 -9 -124 98 -81 117 54 62 -164 5 -94 120 92 -197 37 2 -34 -59 78 41 -121 151 -97 -128 16 67 -53 65 92 57 101 39 120 55 -11 -142 -72 88 -88 114 127 23 -181 -55 -82 -17 -60 -117 -14 -51 95 3 14 193 -148 -33 -140 155 -103 32 11 169 -126 -77 81 147 112 -26 -114 21 57 -118

-----------------------------------------------------------------------------

Time Elapsed: 16908

Query37:

0 19 -173 174 -165 -64 150 -104 0 -133 34 -41 191 67 39 -72 -52 66 76 231 -6 -31 96 -44 48 174 4 126 -13 -102 13 -31 -26 -7 65 7 -25 2 58 54 -61 3 125 17 13 44 67 -116 42 76 118 -99 -263 17 78 -87 -242 -84 -44 32 -69 86 169 -20 -34 -50 -77 32 -45 -16 15 -27 -101 184 -44 13 42 -77 -117 152 152 -47 -179 27 236 -93 -98 -66 -53 13 0 -37 47 95 112 -124 142 124 -12 -146

-----------------------------------------------------------------------------

Time Elapsed: 16801

Query38:

-41 12 66 3 189 16 -8 82 -61 -178 30 -203 -303 -40 96 53 0 72 -106 -9 -1 95 -12 17 30 163 36 -237 -74 168 -9 79 -10 120 70 -22 31 -80 -131 -129 50 -60 -65 124 50 -116 -17 120 37 -163 23 78 -174 18 -1 -74 -47 -16 65 -14 -20 71 -83 1 -86 -6 220 -97 -74 -115 16 51 16 31 -1 59 116 34 109 -76 141 83 -7 -47 -27 161 137 -42 -93 122 -33 -140 170 153 -17 161 49 180 0 -2

-----------------------------------------------------------------------------

Time Elapsed: 16872

Query39:

30 -33 -139 113 12 -82 53 -131 -50 81 116 -135 41 135 -47 57 41 76 -183 -89 -17 -50 159 163 76 -22 124 -197 -49 47 18 -94 -75 -64 2 -186 -116 64 134 -162 -170 -138 -233 -184 76 -68 -176 208 -30 -173 126 -84 126 -27 51 -16 0 12 22 -39 48 38 -137 -161 12 -102 56 -80 104 304 -170 -90 82 -80 -87 77 -31 -44 -50 -51 -5 53 -153 60 -92 24 -89 33 89 55 -33 128 94 -122 -83 118 36 40 -19 -53

-----------------------------------------------------------------------------

Time Elapsed: 16720

Query40:

-123 82 -115 61 -43 148 27 52 -282 -88 -57 8 -11 -76 28 -129 124 -44 150 77 -62 96 -173 -56 -124 -125 -87 114 13 10 118 2 27 84 69 -252 -22 -153 207 250 84 23 56 64 -41 -86 57 79 -46 -27 -49 3 -68 -23 221 -53 -21 -32 -8 42 -70 28 -46 -53 -189 97 -9 -50 54 -98 31 -5 -65 154 118 -39 138 -108 216 58 69 89 -30 260 92 167 -35 -141 -54 187 -63 -54 -52 -15 -63 106 -81 -85 -69 15

-----------------------------------------------------------------------------

Time Elapsed: 16890

Query41:

-67 -13 12 86 34 -74 -229 94 52 114 160 134 39 -123 30 8 64 -44 -89 -100 26 29 70 147 -1 64 24 111 -95 19 -62 21 -192 -36 124 64 0 109 -6 50 -82 -144 -68 -87 90 39 -42 56 -26 -37 144 -171 -37 -73 -94 86 -93 8 -25 -33 69 -162 16 10 -135 -40 123 77 21 -163 144 -102 -206 -40 -17 70 161 -120 -49 123 109 -120 14 72 28 30 -14 70 78 7 210 -25 -51 145 51 143 -16 -38 -88 15

-----------------------------------------------------------------------------

Time Elapsed: 16948

Query42:

17 -216 -96 -120 34 -132 -36 -119 67 99 151 19 -168 93 190 -19 -57 -44 26 -20 -7 121 40 53 254 25 -98 -65 203 -181 -35 21 -32 -167 3 113 -69 105 -17 -129 -155 118 6 71 -213 -97 -38 37 23 -202 -99 -236 58 -146 -89 -27 -29 -14 -90 -103 -18 -111 28 -128 5 -153 71 -249 -206 76 121 -165 -116 38 3 91 8 -68 -51 -154 -27 5 11 -40 -11 116 -60 184 -41 -224 -102 157 -72 -151 -91 127 -53 -36 -17 -135

-----------------------------------------------------------------------------

Time Elapsed: 16393

Query43:

59 -47 152 56 -188 -150 -140 -60 197 160 -24 -61 68 -22 -73 -126 -61 -156 -90 -31 -28 -144 -21 -49 86 -154 -89 -138 126 -38 -118 -51 143 55 183 -21 55 115 126 106 93 31 132 -33 105 110 175 -81 53 53 27 -69 34 -130 -95 30 105 -118 90 -38 45 -138 61 64 -142 231 -21 51 -35 12 -71 82 -40 -221 76 6 -100 36 -56 30 -72 -48 66 -13 -39 -55 72 -15 -108 112 5 93 -33 -102 34 86 -202 81 81 -13

-----------------------------------------------------------------------------

Time Elapsed: 16675

Query44:

-111 68 -5 -237 15 -29 -148 17 94 -195 188 160 142 38 59 34 118 18 89 3 171 -39 -110 -2 -29 61 -48 -29 20 17 119 -34 -15 -1 -89 130 198 5 13 106 -113 -161 72 132 -33 -74 91 161 31 61 62 30 -107 76 128 12 -130 -78 -32 -124 -7 121 -15 48 -125 -91 192 -46 -70 114 -27 -1 -81 0 -122 -38 227 -74 137 4 92 104 144 -38 47 4 85 -19 -21 -71 -153 138 56 75 90 249 0 148 29 -25

-----------------------------------------------------------------------------

Time Elapsed: 16735

Query45:

-61 53 -187 160 -72 40 -58 -4 -37 -109 82 -68 26 139 -33 69 -41 -36 -89 2 139 61 -139 94 -174 -129 -17 72 -30 -63 110 -193 -80 59 -26 369 -112 -34 140 -109 18 10 -8 -27 26 -115 -229 191 -39 100 41 120 -143 -65 -76 -12 -77 88 20 47 12 47 -89 51 172 -71 4 -67 50 -118 62 83 31 12 -6 -131 -32 118 7 23 -137 81 -2 -9 53 -32 -36 38 54 25 -82 -82 -56 -132 139 4 192 128 64 115

-----------------------------------------------------------------------------

Time Elapsed: 16799

Query46:

9 -128 131 67 91 -26 22 -43 -159 -76 87 95 -3 61 -207 154 -135 71 265 102 125 111 60 -58 -33 -55 -138 -13 91 -127 39 -56 58 223 142 -3 36 23 -7 105 -104 48 -147 -8 138 81 -53 108 27 71 -11 189 211 -224 17 -124 -33 -39 49 -141 -127 24 -122 4 7 -214 124 -30 -81 87 -39 -79 27 -151 -20 -65 -76 90 115 5 108 -42 69 131 17 43 -63 -104 16 68 69 72 130 71 -126 -192 -24 -50 -148 -76

-----------------------------------------------------------------------------

Time Elapsed: 16796

Query47:

-118 -81 -124 -53 74 156 -39 -88 27 56 185 115 -82 -61 -108 -70 18 -40 0 -272 -12 -59 43 77 -18 56 12 23 37 -10 18 -122 -10 -239 -88 122 -61 22 101 -77 -45 62 39 41 -124 -48 17 -104 -84 -40 -59 -97 210 -43 60 35 118 -21 -67 -39 103 -81 -246 138 -93 59 -138 -23 63 78 27 -27 -6 25 67 53 45 -98 -30 -185 -39 -194 10 20 103 -256 -203 80 -36 -57 128 189 -225 89 -132 -12 -44 168 -79 46

-----------------------------------------------------------------------------

Time Elapsed: 16864

Query48:

-3 -2 -54 -46 -234 -31 -78 -43 -101 52 -77 -66 -66 -26 18 -121 130 -38 -15 60 71 -42 200 -178 78 146 151 45 -39 -102 -46 0 -97 0 149 -109 -154 -51 -89 72 -166 -83 -103 -13 54 -89 116 -10 122 -207 240 122 60 -110 84 -66 -25 -126 -36 3 29 -36 170 -153 210 92 234 -37 -147 139 72 -120 -61 -155 41 -51 49 145 10 -136 8 140 11 -6 -44 -39 60 62 75 -4 -91 -136 257 89 51 -86 18 -93 -61 185

-----------------------------------------------------------------------------

Time Elapsed: 16827

Query49:

-155 23 0 16 -27 -18 -6 -86 -13 -55 178 -2 107 34 55 -84 94 1 -185 31 20 -53 40 -76 -53 123 -267 105 -20 -12 -81 -130 -46 -154 -117 -182 13 -33 61 -157 212 -39 -69 77 81 -42 -158 -28 78 -126 -109 2 100 -85 -91 142 193 75 -159 -25 36 35 -143 108 -188 -61 41 -86 78 67 212 -45 -187 -180 1 100 -150 0 -44 134 50 119 52 158 -36 125 -105 27 -61 63 -151 51 -113 -99 103 155 127 46 189 -125

-----------------------------------------------------------------------------

Time Elapsed: 16955

Query50:

75 -92 37 6 15 -161 41 -89 -31 8 131 -228 196 3 98 129 -30 84 136 4 -28 -217 28 -74 -1 -103 33 31 29 215 55 44 -160 -98 151 28 137 147 98 86 87 20 8 124 -41 -95 140 134 84 -140 -61 -38 72 -58 163 -73 76 21 -42 -47 1 87 -76 -48 78 15 25 -42 -81 -54 -61 82 141 -12 107 -210 158 -41 -64 -62 0 162 112 -178 -58 -50 11 89 89 114 212 0 131 200 139 48 52 53 -216 -118

-----------------------------------------------------------------------------

Time Elapsed: 16630

Query51:

5 -86 25 337 165 96 -56 -6 45 -218 142 64 -223 96 -111 -191 -87 -200 87 -142 -80 -124 -79 151 -109 -188 35 -240 61 50 -47 28 -151 -40 199 167 9 7 -33 -31 71 -74 -78 -48 -9 31 -256 -60 -212 -51 -71 -49 -129 -9 20 199 -173 -109 172 -62 -75 -115 -16 -90 57 8 19 -4 -9 -120 -32 53 70 73 -60 1 156 142 60 73 139 72 115 -110 -49 81 53 110 85 -85 63 -89 101 152 -122 168 -48 5 -125 -84

-----------------------------------------------------------------------------

Time Elapsed: 16587

Query52:

30 29 -12 -146 54 82 47 -5 20 -145 -155 -14 6 193 -43 3 21 110 171 113 80 3 -53 71 -47 -25 -21 -13 -11 1 -65 -55 43 159 -74 -91 20 -94 17 136 192 -11 -76 -123 36 -76 -49 5 66 -29 185 -13 6 -217 48 -55 99 -45 -6 -22 63 -24 40 -50 -156 -85 22 197 62 -8 136 113 28 21 -83 -144 23 106 138 50 -78 5 55 -30 -12 -50 -14 41 -177 -26 25 144 -79 194 119 -130 -27 -66 -8 76

-----------------------------------------------------------------------------

Time Elapsed: 16943

Query53:

181 22 -107 -26 158 -28 -122 183 -12 -115 -47 -55 96 -45 -98 44 -41 -235 39 40 -36 122 26 33 -133 -16 -128 56 50 20 90 -17 49 -351 -252 -27 89 150 81 -11 -13 -228 -14 -167 100 92 -56 -17 59 -14 32 75 -120 -48 -88 -97 -9 21 -22 79 -43 28 -74 128 -62 59 -185 -22 137 -161 98 81 -199 99 -20 -8 -216 134 -95 -1 -64 -86 -37 -197 142 -57 134 -182 11 71 -42 -72 -59 20 -46 9 100 21 -115 120

-----------------------------------------------------------------------------

Time Elapsed: 16667

Query54:

-24 -152 -52 -120 48 45 0 -52 39 -62 -27 -140 -11 129 -101 -250 -48 23 -179 -99 -4 2 -38 118 81 230 98 -28 76 26 47 113 -82 11 111 10 -25 -150 234 76 -47 -51 -40 -102 65 0 -154 88 -133 -65 -61 -64 -1 -102 -42 282 64 87 -31 -59 13 6 28 -87 173 56 88 145 126 47 -34 -42 -121 176 83 -66 -32 42 -68 -49 112 7 219 -60 -14 157 27 49 3 -156 -239 72 -16 60 -149 153 -59 119 176 -42

-----------------------------------------------------------------------------

Time Elapsed: 16917

Query55:

-90 61 173 -94 -21 -46 119 -12 53 44 96 -195 -10 -164 -42 -30 -66 20 242 -5 -34 2 -144 33 -53 -57 23 76 1 -75 66 -28 -72 -189 211 53 -119 36 62 56 25 -16 -4 46 -25 39 -139 -40 -32 -117 173 103 -136 256 33 -197 11 -30 192 -156 -205 113 84 -29 94 45 119 -5 16 24 139 20 54 -238 -112 -7 52 33 64 13 -4 120 -23 -106 -86 37 29 -88 251 -99 -80 -239 -91 -28 -16 0 -55 123 92 50

-----------------------------------------------------------------------------

Time Elapsed: 16793

Query56:

46 -15 70 55 -213 10 64 -76 55 -118 17 -92 63 -3 84 54 136 188 -55 -63 103 8 -46 37 -16 -30 49 -209 -154 -67 34 3 79 66 62 11 -201 -173 -173 -37 167 48 73 130 -102 186 26 70 -89 -44 158 -165 38 -63 0 -171 106 -138 -171 17 79 139 273 80 -228 -19 -35 -159 156 -169 -26 275 -61 -203 -66 85 -110 185 -11 -56 -33 36 235 172 77 -181 -18 8 -97 28 -222 101 -171 13 2 25 -97 218 15 -135

-----------------------------------------------------------------------------

Time Elapsed: 16724

Query57:

-18 -8 111 35 -75 -97 23 -90 82 14 -29 -8 252 -18 -58 38 -5 -22 38 70 0 65 146 150 59 31 -91 -50 113 19 -31 -29 -210 -72 37 22 170 -82 67 -19 -194 318 -51 -59 -40 105 -133 -210 -120 150 89 -75 -61 -64 -28 52 110 63 73 148 -110 -146 12 105 1 -131 46 -147 36 -301 -34 -196 -81 0 -137 133 107 109 -103 -74 -50 -155 -96 -8 -37 62 -147 -40 -21 -10 -140 198 40 53 76 -24 105 -14 -211 -90

-----------------------------------------------------------------------------

Time Elapsed: 16942

Query58:

-29 -5 -163 113 16 78 -54 -155 59 -107 -1 -110 135 -60 23 -76 4 141 -137 -69 28 -30 -47 76 117 91 6 -33 -88 -315 41 93 155 -112 105 25 12 -235 26 -117 -30 50 0 -52 -170 32 -8 66 -5 62 0 -26 -58 -114 -72 -29 26 25 168 173 -253 -103 123 80 -86 206 -41 -118 31 50 -3 -71 -15 -25 22 45 -13 -55 98 -69 195 -30 -20 81 309 137 87 -92 148 117 56 1 -13 124 0 -3 -143 -243 -156 -73

-----------------------------------------------------------------------------

Time Elapsed: 16969

Query59:

-112 -148 70 -35 -51 1 -59 8 3 -11 -44 55 306 -6 -37 175 75 -138 44 -61 -44 -90 124 17 11 95 85 -234 -45 286 45 96 -17 -41 96 -93 -61 -85 99 28 -50 124 -51 -160 114 -73 -25 28 67 25 -66 216 -192 48 -209 -93 43 -12 -130 171 53 51 59 -32 -13 -61 147 -80 89 -4 118 -168 124 -62 7 -237 1 -141 -36 40 -135 243 -17 3 -140 0 -146 0 32 -1 -45 40 164 174 -123 -24 -39 119 -63 -49

-----------------------------------------------------------------------------

Time Elapsed: 16845

Query60:

-9 211 32 -215 172 -147 81 83 -1 133 -21 2 -66 106 9 45 93 -70 -15 77 90 -156 51 -83 9 7 -72 -41 -50 -63 -57 -60 -18 118 -47 135 -17 38 -70 -149 14 76 -123 73 -44 7 217 -1 -146 1 52 -40 -26 126 -66 26 17 -30 42 -102 -15 -93 114 8 -187 -112 -25 -129 60 -65 66 -104 75 45 -79 -75 -143 165 -90 -128 31 5 12 -205 22 -26 46 56 -125 18 -33 -23 91 48 -23 -17 40 -34 -69 -172

-----------------------------------------------------------------------------

Time Elapsed: 16877

Query61:

62 55 -140 -58 100 -59 25 -23 -68 80 33 0 17 69 -32 5 -81 103 12 -12 -153 -56 14 -107 -8 -43 -28 0 5 48 -104 16 102 -222 -109 -75 28 140 120 142 120 -34 25 100 -14 -29 -35 -25 140 144 -87 -79 -10 153 34 -199 117 -33 80 23 19 -47 100 -107 -7 86 -81 -251 -42 2 -89 -3 313 -34 -109 -69 -72 -34 -12 53 25 -151 -98 66 111 -30 143 -53 -112 -100 0 0 70 33 166 261 23 112 -119 153

-----------------------------------------------------------------------------

Time Elapsed: 16953

Query62:

-103 170 177 107 -124 -9 -138 -159 -74 -18 -33 -149 -85 166 122 71 -127 13 16 84 -61 -17 -208 -16 -89 -62 -50 -117 102 29 -14 -15 94 122 104 135 30 229 -15 19 53 -142 -41 -13 56 15 -82 128 203 56 -3 135 -45 -47 -28 85 56 92 -37 -221 -108 84 0 -6 -52 105 -27 -6 65 103 -45 66 33 199 12 73 -208 114 -16 55 -138 132 39 1 67 -89 -66 85 -71 29 0 -10 -18 74 -80 61 5 -42 -40 88

-----------------------------------------------------------------------------

Time Elapsed: 16764

Query63:

-57 127 132 54 -61 10 167 5 -61 189 94 -20 -11 -155 -19 -22 27 -127 -42 -99 -47 -55 -162 229 -44 -66 74 -27 -92 96 -11 -57 -141 -88 28 111 -101 -26 -14 -84 -4 144 -36 0 97 -174 -140 146 118 50 91 -51 -40 -85 119 11 56 -116 149 61 -33 59 53 4 -6 -9 163 109 15 107 41 53 18 196 -25 81 -84 -14 -85 12 43 69 -53 -116 11 -62 88 147 59 -34 -126 -82 -121 5 -23 -83 -49 6 -21 37

-----------------------------------------------------------------------------

Time Elapsed: 17004

Query64:

-78 -85 -104 -27 -251 91 17 138 -17 -23 -212 -47 -73 58 60 100 25 28 -179 68 119 39 97 -2 73 169 -16 -151 8 -84 -91 63 70 97 -160 -62 -253 40 54 -32 -56 49 124 -180 -121 11 -144 133 179 86 73 170 -11 55 -73 193 -60 166 112 95 -277 47 34 41 165 32 177 39 -23 -118 -24 -78 12 -116 62 61 -216 33 51 18 93 -66 71 196 -50 -99 128 166 138 -2 0 -77 -114 44 -58 -63 9 -120 -35 -87

-----------------------------------------------------------------------------

Time Elapsed: 17037

Query65:

-11 -34 152 47 -29 165 62 -92 37 -59 91 78 100 -6 -155 222 63 109 56 -43 -120 -165 -91 -152 -69 109 -29 60 120 103 -28 -82 -94 107 99 20 15 -20 -80 -84 92 94 -8 -51 102 -79 -100 33 80 -4 164 137 -31 55 -17 -69 -194 -120 -48 -62 126 -181 -49 -76 -61 -19 64 -58 -48 41 -29 -13 -66 98 -16 -29 72 72 -52 -27 145 2 183 6 -53 -61 -161 39 -97 -24 117 -27 93 49 -20 142 94 46 133 -26

-----------------------------------------------------------------------------

Time Elapsed: 16942

Query66:

-68 175 58 -41 -2 -75 12 -226 95 -64 72 -53 81 53 -33 -18 -73 -19 -127 -86 -29 48 -9 11 -109 -169 38 -146 21 -177 -160 109 104 72 71 223 -76 100 -192 291 -43 3 30 83 -136 52 19 -40 31 -30 -44 69 -126 20 -106 -34 47 -122 67 97 -8 -106 211 -106 -51 4 42 107 -64 194 -9 -37 -36 13 -24 7 173 -27 -120 195 163 41 -11 -41 16 -172 -98 117 -182 -59 -25 18 118 -20 -87 67 156 -125 249 77

-----------------------------------------------------------------------------

Time Elapsed: 16964

Query67:

84 9 -31 52 -92 -38 134 16 -75 -59 -111 -52 27 75 157 -111 -126 70 -114 20 -68 144 -3 120 -135 -105 -2 -51 -33 -23 53 52 46 145 32 -86 0 -33 -14 -58 -6 55 -21 45 -187 63 -6 2 -32 26 -16 -24 36 -24 30 105 -105 -143 -101 117 -233 -34 48 -40 -92 242 -169 137 199 101 -146 -64 -23 84 107 -78 68 -71 59 80 77 106 67 110 84 -192 206 -30 93 28 0 -2 -26 -55 18 182 -143 -49 127 -95

-----------------------------------------------------------------------------

Time Elapsed: 16948

Query68:

227 22 -107 -20 48 -64 38 74 32 -183 220 -259 27 -65 48 -75 -24 156 -5 41 59 -55 -13 -24 58 15 -9 125 -53 246 218 -94 -82 95 -97 -41 1 -70 -144 -50 54 -38 122 32 108 30 -36 52 9 -126 -158 -48 -104 -122 -97 6 5 -23 217 -26 -1 -193 -40 56 -11 -154 94 -91 -42 64 -95 -132 -122 -77 126 67 55 -123 -17 51 -9 -21 124 34 87 -97 50 107 11 64 -106 58 46 -21 3 62 201 -39 262 -170

-----------------------------------------------------------------------------

Time Elapsed: 17052

Query69:

23 71 69 -148 198 -77 23 35 -82 -31 -184 -177 -79 -123 12 17 71 -15 -193 41 -30 6 -239 102 97 -73 -114 -13 -142 -28 38 -77 101 -23 46 -230 126 -26 5 162 -39 -165 -216 -100 107 36 173 2 -57 -118 -53 87 -149 -76 -106 -205 -9 91 -254 24 76 -200 45 29 -61 80 -3 2 -44 -41 -3 23 81 -31 -37 -106 -173 83 62 136 159 136 -65 -28 87 220 -149 2 19 -41 -9 -5 -201 -79 -77 92 176 35 219 -144

-----------------------------------------------------------------------------

Time Elapsed: 17331

Query70:

3 -63 -39 -141 147 -9 172 -68 72 -155 86 -180 -26 16 36 -44 -9 63 -119 37 -33 55 58 33 107 125 -32 72 139 12 63 -109 100 -107 19 -238 93 -184 10 94 4 167 -111 -47 -77 31 -28 -53 14 -75 41 -130 92 145 -17 -106 -107 129 -155 -123 164 9 211 -20 29 -52 51 -137 -121 44 -156 79 89 25 -59 -210 11 -50 212 35 2 -48 31 -126 79 -39 -54 61 -30 -18 12 -51 72 52 53 -57 166 -119 -55 -51

-----------------------------------------------------------------------------

Time Elapsed: 16913

Query71:

-81 59 76 201 114 -130 19 180 -159 -99 -16 -79 175 60 42 101 -6 -13 -5 -188 -157 207 92 135 49 -44 -39 62 115 -10 110 -7 -84 162 17 148 53 -56 -12 -40 -172 204 -38 -25 41 25 -76 43 17 36 127 132 -12 11 -62 6 3 16 -115 -22 117 -13 189 -226 184 183 -182 7 -2 -108 101 -133 252 56 -72 54 -22 -23 141 -117 -63 115 -39 -5 94 -148 -302 -15 -112 164 32 45 -15 228 56 -33 -115 7 -150 -83

-----------------------------------------------------------------------------

Time Elapsed: 16450

Query72:

7 80 -144 -109 -111 -16 -96 25 95 -221 -2 -155 55 -96 22 -67 -83 228 -95 -104 219 18 59 73 -45 103 -11 220 -239 -9 202 4 28 55 -145 -150 -17 -171 -213 20 -42 -18 -4 8 -8 68 166 79 0 82 71 121 -11 40 168 -113 -37 -2 8 37 -18 30 -31 35 -8 77 63 60 -141 23 -51 -8 -18 -60 -144 59 -85 1 82 -88 30 -105 13 50 74 -116 -15 -32 -164 -83 -75 -44 -21 -31 -17 -5 5 -104 -17 61

-----------------------------------------------------------------------------

Time Elapsed: 16965

Query73:

-88 -131 -102 -137 50 -67 -69 90 -52 11 -6 123 66 32 37 159 -39 -80 -72 -38 103 -71 85 7 141 3 -131 4 71 40 65 -68 -98 -85 -8 -80 71 61 34 34 90 -87 -36 21 135 -139 58 -122 -81 -42 -4 16 224 71 82 -129 41 -74 -111 35 -103 106 -111 -6 -26 52 55 -226 43 -22 42 138 42 222 84 -117 63 119 16 21 -69 -248 117 121 -145 -27 -32 -57 27 10 -106 -3 38 20 -5 10 -80 91 -20 15

-----------------------------------------------------------------------------

Time Elapsed: 17071

Query74:

71 63 163 12 -199 -196 83 317 58 136 -20 34 101 -113 -89 103 112 -26 -29 -92 18 -18 138 37 -104 -132 -19 69 -162 103 -43 107 10 47 -88 5 5 28 99 -48 68 39 -155 11 198 -53 -204 -34 34 -178 -51 -3 -35 -52 28 -137 -22 -46 105 -20 144 -234 -50 -263 99 253 -227 -78 -60 -110 -118 22 18 -201 176 -12 16 139 -45 44 -83 119 60 -155 -26 -42 -85 -50 -69 91 95 0 90 211 74 -69 -146 -76 80 36

-----------------------------------------------------------------------------

Time Elapsed: 16717

Query75:

-79 -94 8 109 17 -153 110 -39 166 143 95 0 77 -128 -64 -46 166 -27 -13 20 96 66 74 -25 -81 -165 -107 40 203 -103 -45 6 87 71 -74 11 62 -169 66 -90 48 -17 -125 -127 117 -92 193 -98 85 36 84 219 -31 91 44 105 -6 54 -88 2 -97 -171 -178 -233 -5 -140 -127 -46 -62 236 -139 -175 192 152 -56 113 -68 167 48 8 -152 144 -96 34 265 52 137 -24 -79 8 -53 17 28 -46 32 -209 15 48 -85 90

-----------------------------------------------------------------------------

Time Elapsed: 16716

Query76:

7 43 85 -29 -134 -20 -83 -174 4 13 -111 -86 122 174 1 -17 103 66 14 -37 56 225 -45 25 41 -240 -159 -122 -10 29 -12 112 126 -258 -128 294 88 -64 9 50 -104 -163 117 -206 -27 -26 -126 36 14 86 -28 -142 -105 -223 -94 0 73 3 -58 -91 -71 -99 71 120 -59 -141 -55 -20 59 -11 -154 176 -40 -162 -54 -7 28 140 71 -92 -97 -45 -174 4 113 142 71 -101 35 -163 -13 151 58 -126 -44 169 -49 -2 118 43

-----------------------------------------------------------------------------

Time Elapsed: 16652

Query77:

-31 28 -160 -40 52 120 -60 146 -138 142 -56 -168 61 -175 115 306 66 67 8 -162 25 -119 1 304 -9 -39 20 -49 100 -213 -2 -141 -238 111 -72 59 -7 -46 98 -38 -1 1 21 -70 -48 83 -67 -21 21 69 6 -91 135 -38 55 58 -38 -46 79 -41 69 -1 123 -223 -193 80 22 -56 172 -79 123 -129 86 2 103 111 -35 26 -123 -44 -39 -147 -20 190 170 -134 -108 267 134 47 58 -23 -161 -43 -23 -10 -145 181 110 140

-----------------------------------------------------------------------------

Time Elapsed: 16745

Query78:

-101 -82 -42 92 -155 -69 75 170 5 137 -119 12 74 82 36 204 -119 -29 137 97 84 60 0 51 -37 37 -1 22 -22 -69 -152 32 -19 -297 58 -61 -56 178 -159 -10 -123 -9 39 86 -53 -234 -35 -45 -63 90 98 52 34 65 53 38 26 42 70 -1 59 167 24 32 46 35 2 17 128 -249 83 -22 -126 -43 7 131 58 -54 -8 18 -159 54 -85 -110 -89 -254 -24 51 64 62 -6 68 -5 -95 -28 -18 12 48 127 -47

-----------------------------------------------------------------------------

Time Elapsed: 16963

Query79:

-73 -163 -76 74 30 183 181 65 -17 165 29 35 -15 -158 6 4 -41 143 -89 39 -13 135 145 -14 -34 -236 -108 -60 -3 -273 -6 -127 77 -171 -34 -12 62 -49 -206 -29 78 -90 -30 27 -145 29 39 57 -93 22 136 -67 66 102 31 71 -48 -49 38 0 -6 -136 81 -223 -90 3 158 -25 -94 137 181 86 0 -81 -163 51 18 15 122 14 18 -118 -79 -90 128 -154 -167 -90 91 99 -45 -269 71 20 12 -196 -104 65 33 86

-----------------------------------------------------------------------------

Time Elapsed: 16788

Query80:

-188 25 -213 -67 42 -79 -140 -2 55 -34 6 43 -26 17 231 -9 -36 164 91 9 122 67 -80 28 -63 -91 45 -94 -111 -97 -192 -6 41 -19 22 -21 59 154 65 -105 -126 -28 172 102 -28 0 -35 -97 -96 -175 -8 38 45 -80 121 86 66 -55 9 241 62 112 81 10 -75 -79 47 -50 -63 -58 -9 -147 -207 -146 50 86 130 162 1 -38 -46 -72 -61 75 -95 -70 106 37 57 68 9 21 -43 -6 162 -114 10 92 139 -73

-----------------------------------------------------------------------------

Time Elapsed: 16831

Query81:

-199 -105 -101 104 -41 -118 118 8 -7 -69 19 -7 182 72 4 12 70 -26 -180 -179 228 -75 157 -47 -174 -76 102 -70 80 -142 35 60 -48 -119 155 -63 -44 52 -105 -4 125 86 -17 38 -18 -54 -158 2 -97 43 155 51 46 137 -25 165 -19 0 100 -23 -129 125 -258 -117 -39 -152 -69 -109 17 -63 22 -32 28 157 -39 -113 95 187 -109 -133 211 155 37 31 -41 53 40 0 -177 -3 -50 -40 52 -161 123 24 -178 27 75 -54

-----------------------------------------------------------------------------

Time Elapsed: 16826

Query82:

146 -58 0 67 -62 108 -52 -13 161 -105 -136 123 155 -45 -80 163 76 -92 42 -30 -47 -141 1 -254 -55 -94 80 56 1 169 -12 128 -123 199 266 -30 -20 107 5 78 -24 -137 2 65 245 -45 42 -11 43 -15 213 92 -87 71 124 53 64 -44 -69 -14 222 -84 -125 -15 11 -95 150 2 50 96 119 0 -102 -32 26 99 38 4 -30 26 -33 -10 -202 3 9 44 -53 43 114 85 -60 -36 128 -132 -41 -50 -69 25 112 -16

-----------------------------------------------------------------------------

Time Elapsed: 16991

Query83:

-79 -45 -30 -76 -44 -47 95 -24 -42 -216 65 -79 -41 -53 -78 -155 -88 133 -83 -111 49 77 -142 13 38 59 94 -79 165 -3 -85 -32 162 -152 -60 78 -218 50 56 -187 155 -20 -50 -26 34 -24 -26 169 -124 -117 -92 -109 -29 32 -138 64 126 56 77 48 94 58 -131 61 -175 -94 -85 115 32 49 86 40 -18 27 0 63 194 -7 -4 -16 -113 -85 -89 78 23 39 -50 -140 56 -154 63 150 62 -150 -45 49 145 13 1 -141

-----------------------------------------------------------------------------

Time Elapsed: 17124

Query84:

21 -179 -11 -34 -23 137 -128 -110 -63 -126 151 -81 -87 -65 -145 -191 -29 -40 -31 -107 89 -53 -43 -164 -223 128 13 55 96 104 163 8 -137 75 -18 177 100 -144 67 -164 -25 -131 -134 194 104 53 -126 -142 -134 -218 -142 57 -81 -84 123 17 25 -74 -59 -153 33 11 -110 79 24 135 31 79 158 81 -12 14 97 130 -6 -21 -92 -36 -32 7 158 -30 128 -45 -89 -125 101 -261 -198 -14 -2 -72 57 -106 -11 -168 -107 -94 -167 48

-----------------------------------------------------------------------------

Time Elapsed: 16668

Query85:

-154 125 -10 18 -126 -15 35 109 -26 -48 59 -161 153 -215 42 69 100 -98 -62 219 59 11 69 -137 151 97 39 -103 41 -59 125 46 -73 49 127 11 156 85 110 68 -100 -117 84 -149 -59 18 62 -55 -2 -150 3 -49 -13 230 -208 12 -133 74 22 -184 69 142 95 -55 96 53 -238 -58 -136 145 -73 189 109 147 -85 46 6 113 -14 -128 -97 84 -133 78 -54 113 136 77 -19 -16 -280 32 2 140 -9 118 75 -73 15 94

-----------------------------------------------------------------------------

Time Elapsed: 16914

Query86:

-97 83 -73 -174 33 62 181 -30 -39 -28 42 18 -52 24 -175 -56 -17 -100 167 55 -22 -101 -69 -31 -227 150 -69 -23 75 -132 -17 77 31 74 -157 -25 -48 -68 -64 -142 -161 -13 -96 37 38 -68 -41 41 -72 -21 -72 91 -93 -51 -38 106 -98 -27 -58 -31 -33 6 -79 -128 -75 15 2 42 49 72 -12 -100 50 -127 43 -4 -96 -26 -248 49 32 -55 195 -94 -47 160 -67 -39 -113 -64 -21 37 -123 92 32 43 -104 -75 -49 -105

-----------------------------------------------------------------------------

Time Elapsed: 16793

Query87:

-34 53 23 -44 70 -50 -39 -94 -61 -2 -15 -70 -31 53 55 77 -38 -87 93 25 50 32 -105 67 -49 210 -58 161 104 53 87 -117 -83 19 18 50 14 -27 -160 36 156 -264 16 -17 88 -118 133 -17 136 64 -143 -233 81 -159 -30 -10 188 -68 145 -103 102 -100 102 -24 -69 -69 -103 167 153 -143 86 -49 39 -110 -187 -86 -164 2 3 97 -19 38 -39 -143 -133 -63 55 293 73 -5 111 -58 -2 49 -128 -179 -53 -165 -56 106

-----------------------------------------------------------------------------

Time Elapsed: 16914

Query88:

29 -70 -134 179 -73 51 164 90 -40 -127 97 140 101 102 36 99 158 253 -68 87 12 65 -116 -5 41 82 -66 98 3 80 58 -27 14 -69 36 -89 59 108 -232 -15 -60 180 164 -64 32 -107 50 25 -108 -8 -46 54 1 -112 -185 -40 141 22 -12 112 146 177 56 -54 24 146 -141 -36 12 161 34 0 54 -11 -46 -77 -118 -180 109 92 -134 -172 0 -113 -32 -133 -64 -134 -209 -57 -19 -210 88 33 -27 -13 10 0 125 58

-----------------------------------------------------------------------------

Time Elapsed: 16786

Query89:

-95 224 -62 74 -149 46 21 -72 139 -134 -38 -56 -106 3 45 -6 -70 -99 -27 112 -258 123 153 -84 -23 106 -187 -75 -32 12 22 -85 52 174 -113 -50 155 97 -49 -47 52 -44 31 -77 -193 19 -42 -85 67 15 -141 -94 33 -32 45 148 39 -108 -128 65 31 9 184 -122 50 -80 -43 -56 105 60 18 -24 183 -105 168 -18 97 -69 -10 48 163 -69 122 2 117 80 -28 5 109 -154 -100 37 -3 -17 -10 43 77 -70 -17 8

-----------------------------------------------------------------------------

Time Elapsed: 16869

Query90:

21 120 -25 87 60 -113 -39 53 -4 -132 -119 -195 51 -30 99 -28 -24 54 -119 -248 80 -78 -78 8 37 142 -19 147 98 235 16 -14 -18 -194 -101 -191 -206 172 23 61 66 14 98 -176 94 -54 -53 -102 -47 -138 -61 -110 78 76 -1 -92 -86 8 -102 88 33 -66 136 -137 152 -166 61 194 -78 105 -51 -5 -121 -101 -24 -88 -124 34 -116 20 -57 -117 -12 85 -13 9 -79 -62 34 -25 93 128 13 72 172 108 59 20 47 0

-----------------------------------------------------------------------------

Time Elapsed: 16755

Query91:

9 10 164 -33 19 -53 35 -39 -40 26 116 -38 55 105 -205 -199 -85 111 46 -108 132 96 181 -144 -60 -142 74 -8 115 44 -83 43 180 -41 -76 -249 109 -48 -34 56 106 99 -58 -33 -6 -73 62 -69 -193 42 -75 -56 -58 -40 137 -105 105 92 -75 -70 98 -78 -82 -20 -210 64 116 -106 -81 -4 -43 -149 -112 -41 -9 109 30 3 -110 4 -88 0 50 -72 -118 51 76 -63 -54 -84 53 137 17 42 -45 196 83 -10 125 -155

-----------------------------------------------------------------------------

Time Elapsed: 16885

Query92:

-39 -109 24 -1 -40 117 46 16 -34 38 101 -156 150 -58 4 -98 -180 -306 -119 66 -121 32 -88 42 -215 -92 -16 145 -29 184 -56 150 107 124 34 59 51 96 178 129 0 -9 -41 -94 -102 90 -51 180 70 -25 119 -19 -16 195 -171 114 -83 -10 -37 -16 130 -170 0 -73 -140 -27 39 -15 130 92 -2 -49 -82 -139 91 101 -8 -71 -36 206 -36 -28 76 20 1 26 70 75 89 -7 0 -51 -125 -56 -65 -39 -16 19 160 -62

-----------------------------------------------------------------------------

Time Elapsed: 16917

Query93:

-310 -84 22 202 -105 -1 64 -196 -38 -46 -129 13 -22 -54 -77 -22 -46 56 33 48 -122 -12 -9 16 69 4 -108 58 71 10 -95 -92 87 89 -25 -42 -55 156 -53 -24 -112 -40 99 -76 -6 -23 11 30 120 161 -44 -94 -223 -32 -86 34 -20 76 -63 68 -175 214 -132 -100 -8 -30 105 37 140 28 53 107 -53 -117 -50 -61 11 43 -12 -127 98 113 156 -5 -86 108 -144 34 60 94 58 -89 -7 114 -30 136 -74 58 -103 63

-----------------------------------------------------------------------------

Time Elapsed: 16912

Query94:

46 -107 -111 -41 94 41 4 111 -7 -18 -119 -79 -108 17 -2 -23 10 -41 -44 76 31 25 69 -59 -133 -37 -98 -99 9 34 -54 -21 93 -8 -21 2 90 -100 -94 -87 36 3 18 -145 70 -42 59 -35 17 -134 50 -34 88 -42 -21 -268 -17 149 154 104 -16 19 227 -42 53 7 -9 79 -40 20 99 -141 56 -32 -26 39 -20 -9 73 -5 171 -10 54 -85 -2 -83 72 1 -257 -202 -31 -41 68 -3 -16 -96 187 104 -166 -38

-----------------------------------------------------------------------------

Time Elapsed: 17097

Query95:

163 -76 46 -148 43 0 -24 32 -146 157 6 0 53 -22 -32 -7 -180 60 -166 52 23 55 -113 93 -9 -3 16 53 -32 59 -128 126 -159 -175 96 75 -98 -72 -56 53 102 197 99 -59 173 7 -47 42 -171 -359 -4 137 -150 -15 90 -82 -56 -3 -78 68 10 13 91 -135 55 135 44 15 117 269 148 92 -7 -125 -47 -114 115 30 31 10 -60 135 22 -14 235 144 -142 9 -50 -12 -61 17 96 -180 -96 -14 -20 -102 -136 -52

-----------------------------------------------------------------------------

Time Elapsed: 17067

Query96:

-105 -5 -59 -49 72 -80 -11 35 -76 -47 -147 -121 -203 54 -63 -89 -8 -14 -69 -36 25 1 -41 105 102 107 141 47 -112 -157 172 -204 -20 -57 15 15 -39 45 -30 22 -82 -29 -31 46 89 15 -125 74 -78 -25 134 97 20 -114 123 173 -22 16 -118 12 275 57 178 -48 -206 24 52 -22 -96 8 -178 0 50 224 105 -74 -137 33 70 -30 -86 22 42 47 38 98 -245 93 -172 -33 243 25 -48 -72 -48 -33 32 16 23 -16

-----------------------------------------------------------------------------

Time Elapsed: 17083

Query97:

-7 -74 -28 -72 -11 29 33 -77 172 71 85 -114 48 -86 11 16 -33 -6 -120 16 15 76 -42 -13 -36 -58 117 -37 17 -47 -15 -23 -7 44 -118 24 88 67 -144 -99 -245 -152 89 15 -216 145 -114 178 -42 -7 -35 -27 -82 25 -170 156 -102 -195 140 -29 130 137 22 87 -39 34 96 121 48 39 -71 48 76 75 112 -41 36 -36 62 -82 177 -52 30 59 -56 -206 149 -107 46 -110 98 -162 -185 39 -101 -42 -59 36 -119 -48

-----------------------------------------------------------------------------

Time Elapsed: 16880

Query98:

-207 165 -23 37 13 5 -82 -27 215 70 -59 -34 -53 -5 -21 -50 60 -140 -133 -6 148 -47 93 30 61 45 2 214 -37 -61 131 106 -7 32 165 -81 -89 125 -92 81 -9 -158 37 20 184 -68 30 -98 113 -48 -8 310 -56 -93 -69 -153 -10 38 -52 -68 -28 44 -1 138 149 119 70 -84 -154 -64 -1 -141 8 40 -74 -47 75 -9 -48 63 -26 -21 -68 7 8 169 -9 -30 42 -16 -90 -25 60 29 7 99 78 89 -4 22

-----------------------------------------------------------------------------

Time Elapsed: 16955

Query99:

73 263 35 124 -9 81 -73 -148 27 102 -120 -7 50 -289 -43 -53 -54 -81 12 -46 5 -25 -81 14 102 -119 -84 -26 -84 116 -90 -40 -26 67 -56 -223 -40 -203 52 -11 216 119 -113 83 33 88 -17 199 138 -65 40 7 82 121 12 -115 115 -99 22 -72 129 8 86 -140 -102 24 59 -199 -222 -19 52 -157 -29 -34 101 -22 71 -48 -58 55 102 -44 -173 47 0 -158 -193 -100 -46 -21 -46 23 -91 -10 -4 40 -12 86 73 145

-----------------------------------------------------------------------------

Time Elapsed: 16776

Query100:

22 -8 80 70 18 118 -73 97 -99 48 27 -52 -36 -60 -96 81 93 1 136 -179 -45 215 45 -41 -115 179 -19 36 4 -78 -37 22 -41 52 -47 3 -133 -73 27 -221 17 -82 -186 62 6 -73 -64 49 -99 49 -35 32 48 -111 -98 -137 0 14 -91 85 149 223 -112 108 45 53 100 73 69 -57 -94 193 40 -81 -204 125 -32 -34 -183 -47 -54 -105 -57 134 -100 -100 -45 -39 3 19 -52 -209 247 8 44 166 66 -51 -82 173

-----------------------------------------------------------------------------

Time Elapsed: 16869

21976 28761 20758 43245 16839 16740 17075 16722 16798 16907 16818 16880 16880 16912 16919 16712 16814 16951 17033 16583 16641 16659 16929 16541 16765 16824 16945 16750 16902 16612 16673 16975 16899 16881 16701 16635 16908 16801 16872 16720 16890 16948 16393 16675 16735 16799 16796 16864 16827 16955 16630 16587 16943 16667 16917 16793 16724 16942 16969 16845 16877 16953 16764 17004 17037 16942 16964 16948 17052 17331 16913 16450 16965 17071 16717 16716 16652 16745 16963 16788 16831 16826 16991 17124 16668 16914 16793 16914 16786 16869 16755 16885 16917 16912 17097 17067 17083 16880 16955 16776 16869

Median Time : 16877