

File - GenerateResults

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1 C:\Users\ian20\AppData\Local\Microsoft\WindowsApps\python.exe "F:\Working On  
Uni\GitHub\Sudoku AI\Clean\GenerateResults.py"  
2 Available Solvers:  
3 1 - Backtracking  
4 2 - CrossHatching-Random  
5 3 - Machine Learning without Training  
6 4 - Machine Learning with Training  
7 5 - All  
8 Cycle => 1000:1  
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110 All Completed
111 Program took: 1230.7145311832428
112 Finished at: Thu Apr 21 14:29:53 2022
113 Cycle => 1000:2
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216 Program took: 1148.7774994373322
217 Finished at: Thu Apr 21 14:49:02 2022
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320 All Completed
321 Program took: 1141.7174985408783
322 Finished at: Thu Apr 21 15:08:03 2022
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530 All Completed
531 Program took: 2995.2595472335815
532 Finished at: Thu Apr 21 16:49:28 2022
533 Cycle => 2500:3
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635 All Completed
636 Program took: 2988.894497156143
637 Finished at: Thu Apr 21 17:39:17 2022
638 Cycle => 5000:1
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735 All - Loading: 96.0%
736 All - Loading: 97.0%
737 All - Loading: 98.0%
738 All - Loading: 99.0%
739 All - Loading: 100.0%
740 All Completed
741 Program took: 6140.8015303611755
742 Finished at: Thu Apr 21 19:21:38 2022
743 Cycle => 5000:2
744 All - Loading: 0.0%
745 All - Loading: 1.0%
746 All - Loading: 2.0%
747 All - Loading: 3.0%
748 All - Loading: 4.0%
749 All - Loading: 5.0%
750 All - Loading: 6.0%
751 All - Loading: 7.0%
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File - GenerateResults

780 All - Loading: 36.0%
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File - GenerateResults

840 All - Loading: 96.0%
841 All - Loading: 97.0%
842 All - Loading: 98.0%
843 All - Loading: 99.0%
844 All - Loading: 100.0%
845 All Completed
846 Program took: 6026.042000293732
847 Finished at: Thu Apr 21 21:02:04 2022
848 Cycle => 5000:3
849 All - Loading: 0.0%
850 All - Loading: 1.0%
851 All - Loading: 2.0%
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File - GenerateResults

900 All - Loading: 51.0%
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936 All - Loading: 87.0%
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945 All - Loading: 96.0%
946 All - Loading: 97.0%
947 All - Loading: 98.0%
948 All - Loading: 99.0%
949 All - Loading: 100.0%
950 All Completed
951 Program took: 5856.853503704071
952 Finished at: Thu Apr 21 22:39:41 2022
953 Cycle => 10000:1
954 All - Loading: 0.0%
955 All - Loading: 1.0%
956 All - Loading: 2.0%
957 All - Loading: 3.0%
958 All - Loading: 4.0%
959 All - Loading: 5.0%

File - GenerateResults

960 All - Loading: 6.0%
961 All - Loading: 7.0%
962 All - Loading: 8.0%
963 All - Loading: 9.0%
964 All - Loading: 10.0%
965 All - Loading: 11.0%
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1019 All - Loading: 65.0%

File - GenerateResults

1020 All - Loading: 66.0%
1021 All - Loading: 67.0%
1022 All - Loading: 68.0%
1023 All - Loading: 69.0%
1024 All - Loading: 70.0%
1025 All - Loading: 71.0%
1026 All - Loading: 72.0%
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1029 All - Loading: 75.0%
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1033 All - Loading: 79.0%
1034 All - Loading: 80.0%
1035 All - Loading: 81.0%
1036 All - Loading: 82.0%
1037 All - Loading: 83.0%
1038 All - Loading: 84.0%
1039 All - Loading: 85.0%
1040 All - Loading: 86.0%
1041 All - Loading: 87.0%
1042 All - Loading: 88.0%
1043 All - Loading: 89.0%
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1046 All - Loading: 92.0%
1047 All - Loading: 93.0%
1048 All - Loading: 94.0%
1049 All - Loading: 95.0%
1050 All - Loading: 96.0%
1051 All - Loading: 97.0%
1052 All - Loading: 98.0%
1053 All - Loading: 99.0%
1054 All - Loading: 100.0%
1055 All Completed
1056 Program took: 11998.751033306122
1057 Finished at: Fri Apr 22 01:59:40 2022
1058 Cycle => 10000:2
1059 All - Loading: 0.0%
1060 All - Loading: 1.0%
1061 All - Loading: 2.0%
1062 All - Loading: 3.0%
1063 All - Loading: 4.0%
1064 All - Loading: 5.0%
1065 All - Loading: 6.0%
1066 All - Loading: 7.0%
1067 All - Loading: 8.0%
1068 All - Loading: 9.0%
1069 All - Loading: 10.0%
1070 All - Loading: 11.0%
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1072 All - Loading: 13.0%
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1079 All - Loading: 20.0%

File - GenerateResults

1080 All - Loading: 21.0%
1081 All - Loading: 22.0%
1082 All - Loading: 23.0%
1083 All - Loading: 24.0%
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1086 All - Loading: 27.0%
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1100 All - Loading: 41.0%
1101 All - Loading: 42.0%
1102 All - Loading: 43.0%
1103 All - Loading: 44.0%
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1106 All - Loading: 47.0%
1107 All - Loading: 48.0%
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1119 All - Loading: 60.0%
1120 All - Loading: 61.0%
1121 All - Loading: 62.0%
1122 All - Loading: 63.0%
1123 All - Loading: 64.0%
1124 All - Loading: 65.0%
1125 All - Loading: 66.0%
1126 All - Loading: 67.0%
1127 All - Loading: 68.0%
1128 All - Loading: 69.0%
1129 All - Loading: 70.0%
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1131 All - Loading: 72.0%
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1136 All - Loading: 77.0%
1137 All - Loading: 78.0%
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1139 All - Loading: 80.0%

File - GenerateResults

1140 All - Loading: 81.0%
1141 All - Loading: 82.0%
1142 All - Loading: 83.0%
1143 All - Loading: 84.0%
1144 All - Loading: 85.0%
1145 All - Loading: 86.0%
1146 All - Loading: 87.0%
1147 Found a Solution
1148 [[8, 1, 5, 3, 4, 6, 9, 7, 4], [9, 6, 1, 2, 7, 8, 3, 3, 2], [7, 8, 9, 5, 1,
4, 1, 3, 8], [6, 5, 9, 7, 2, 2, 5, 9, 4], [7, 8, 3, 6, 6, 7, 4, 2, 1], [3,
5, 8, 9, 8, 1, 7, 6, 2], [4, 5, 5, 6, 3, 9, 8, 4, 2], [1, 0, 0, 0, 0, 0, 0
, 0, 0], [0, 0, 0, 0, 0, 0, 0, 0]]
1149 All - Loading: 88.0%
1150 All - Loading: 89.0%
1151 All - Loading: 90.0%
1152 All - Loading: 91.0%
1153 All - Loading: 92.0%
1154 All - Loading: 93.0%
1155 Found a Solution
1156 [[8, 6, 9, 7, 4, 2, 5, 1, 4], [3, 1, 8, 9, 5, 2, 6, 7, 5], [2, 1, 3, 6, 8,
9, 1, 2, 3], [9, 8, 4, 6, 7, 9, 8, 4, 5], [6, 7, 1, 3, 5, 7, 6, 2, 1], [3,
9, 4, 2, 1, 8, 3, 7, 9], [4, 5, 3, 4, 5, 6, 2, 1, 7], [8, 0, 0, 0, 0, 0, 0
, 0, 0], [0, 0, 0, 0, 0, 0, 0, 0]]
1157 All - Loading: 94.0%
1158 All - Loading: 95.0%
1159 All - Loading: 96.0%
1160 All - Loading: 97.0%
1161 All - Loading: 98.0%
1162 All - Loading: 99.0%
1163 All - Loading: 100.0%
1164 All Completed
1165 Program took: 11812.70774435997
1166 Finished at: Fri Apr 22 05:16:32 2022
1167 Cycle => 10000:3
1168 All - Loading: 0.0%
1169 All - Loading: 1.0%
1170 All - Loading: 2.0%
1171 All - Loading: 3.0%
1172 All - Loading: 4.0%
1173 All - Loading: 5.0%
1174 All - Loading: 6.0%
1175 All - Loading: 7.0%
1176 All - Loading: 8.0%
1177 All - Loading: 9.0%
1178 All - Loading: 10.0%
1179 All - Loading: 11.0%
1180 All - Loading: 12.0%
1181 All - Loading: 13.0%
1182 All - Loading: 14.0%
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1187 All - Loading: 19.0%
1188 All - Loading: 20.0%
1189 All - Loading: 21.0%
1190 All - Loading: 22.0%
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1193 All - Loading: 25.0%

File - GenerateResults

1194 All - Loading: 26.0%
1195 All - Loading: 27.0%
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1198 All - Loading: 30.0%
1199 All - Loading: 31.0%
1200 All - Loading: 32.0%
1201 All - Loading: 33.0%
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1209 All - Loading: 41.0%
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1223 All - Loading: 55.0%
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1230 All - Loading: 62.0%
1231 All - Loading: 63.0%
1232 All - Loading: 64.0%
1233 All - Loading: 65.0%
1234 All - Loading: 66.0%
1235 Found a Solution
1236 [[3, 1, 9, 8, 5, 2, 7, 6, 7], [4, 5, 1, 9, 6, 8, 2, 6, 2], [8, 3, 4, 7, 1,
9, 1, 3, 2], [4, 8, 9, 5, 7, 8, 9, 4, 6], [7, 5, 2, 3, 5, 6, 7, 2, 1], [3,
9, 4, 9, 8, 1, 7, 3, 4], [6, 5, 2, 5, 3, 9, 6, 8, 4], [1, 0, 0, 0, 0, 0, 0,
, 0, 0], [0, 0, 0, 0, 0, 0, 0, 0]]
1237 All - Loading: 67.0%
1238 All - Loading: 68.0%
1239 All - Loading: 69.0%
1240 All - Loading: 70.0%
1241 All - Loading: 71.0%
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1247 All - Loading: 77.0%
1248 All - Loading: 78.0%
1249 All - Loading: 79.0%
1250 All - Loading: 80.0%

File - GenerateResults

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1251 All - Loading: 81.0%
1252 All - Loading: 82.0%
1253 All - Loading: 83.0%
1254 All - Loading: 84.0%
1255 All - Loading: 85.0%
1256 All - Loading: 86.0%
1257 All - Loading: 87.0%
1258 All - Loading: 88.0%
1259 All - Loading: 89.0%
1260 All - Loading: 90.0%
1261 All - Loading: 91.0%
1262 All - Loading: 92.0%
1263 All - Loading: 93.0%
1264 All - Loading: 94.0%
1265 All - Loading: 95.0%
1266 All - Loading: 96.0%
1267 All - Loading: 97.0%
1268 All - Loading: 98.0%
1269 All - Loading: 99.0%
1270 All - Loading: 100.0%
1271 All Completed
1272 Program took: 11916.366047620773
1273 Finished at: Fri Apr 22 08:35:09 2022
1274
1275 Process finished with exit code 0
1276
```