|   | tc_51       | tc_100  | tc_200      | tc_574      | tc_1889    | tc_33810 |
|---|-------------|---------|-------------|-------------|------------|----------|
| Polar Sort + LS with naive swaps (Shashwat)                       | 1123        | 95423   | 123760      | 362576      | 7340497    | 5.22E+09 |
| Nearest neighbour (Anmol)   | 1313.47     | 183465  | 327452      | 40219.4     | 6601300    | 2.29E+08 |
| Naive 2-approx algo [Spanning Tree](Anmol)                        | 622.753     | 27640.7 | 40773.3     | 49176.1     | 444817     | 1.03E+08 |
| 2 opt with 2-approx algo (Anmol)                                  | 446.855     | 22404.4 | 32173       | 38695.7     | 333546     | 1.03E+08 |
| 2 opt with Polar Sort Init (Shashwat)                             | 462         | 22773   | 31887       | 39209       | 349972     | 9.68E+08 |
| Simulated annealing (Restarts + 2 opt ) (Anmol)                   | 429.5302833 | 20800   | 29598.07336 | 37915.47365 | 337185.984 | 1.03E+08 |
| Simulated annealing (restarts+reheats+nearest neighbor)(Shashwat) | 428.8       | 20957   | 29795       | 38354       | 333440     | 8.04E+07 |
| Guided fast local search w/ nearest neighbor init (Shashwat 48)   | 428.8       | 21285   | 29517.8     | 37683.3     | 326523     | 6.97E+07 |
| Guided local search + 2-approx algo(Anmol 50)                     | 428.872     | 20750.8 | 29453.2     | 37286.8     | 331390     | -        |