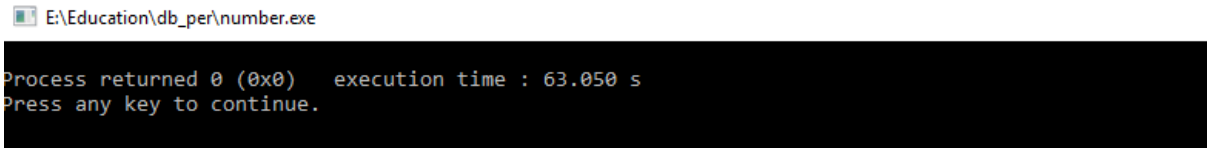
Database Performance: Experiment of mysql database performance inserting 5 billions (50000000) numeric data in the table.

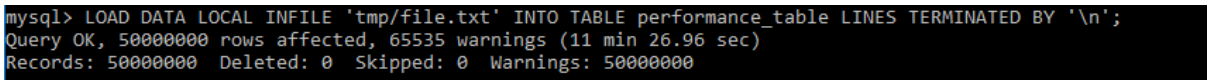
PC configuration: Processor- Intel(R) Core(TM) i5-4200M CPU @2.50 GHz 2.50 GHz, RAM-8GB , 64-bit Operating System(Windows 10)

Time for generating 5 billions numeric data stored in a text file using c programming. the file size is 477331 KB.

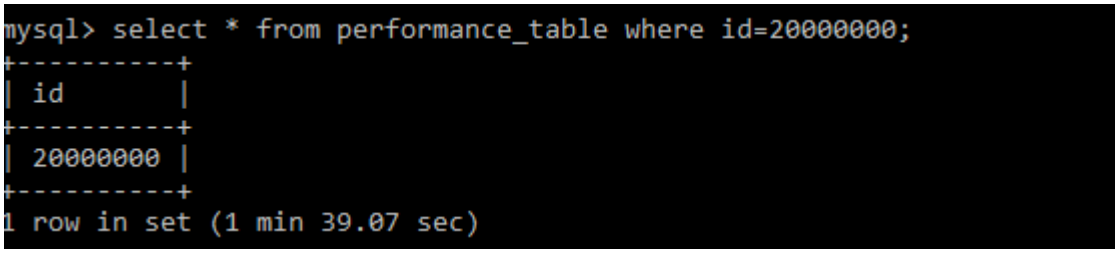
Number generating time: 63.050 s



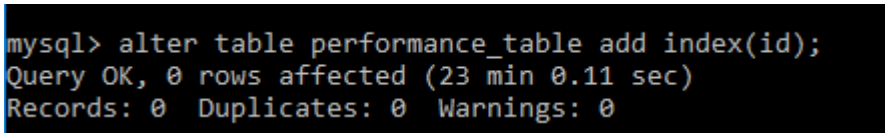
Inserting time to load data from file to database: 11min 26.96 sec



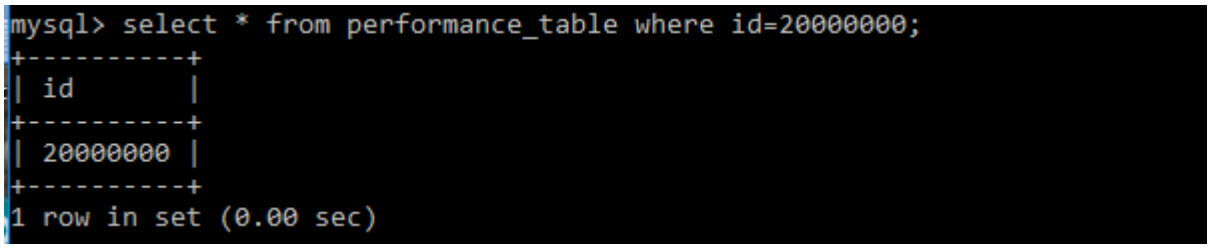
Query time before indexing: 39.07 sec



Add indexing time for the table: 23 min 0.11 sec



Query time after indexing: 0.00 sec



NB: The table size is 1.5 GB

Prepared by Khondokar Oliullah