## Configuration of system:

1. Processor: i7 8<sup>th</sup> generation

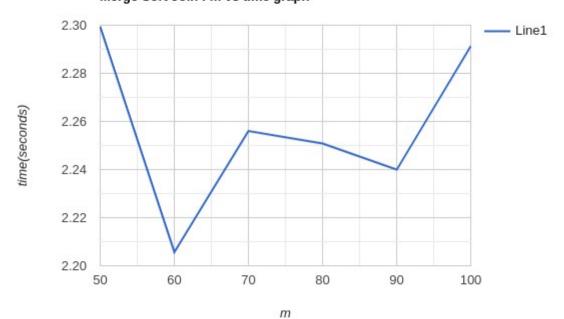
RAM: 16 GB
HDD: 1 TB

4. OS: Ubuntu 20.04

## **SORT MERGE JOIN**

M	Time Taken
50	2.299365758895874
60	2.2057039737701416
70	2.2560336589813232
80	2.250847101211548
90	2.2400283813476562
100	2.291290521621704

#### Merge Sort Join: m vs time graph



# HASH JOIN

M	Time Taken
50	1.1855590343475342
60	1.2602038383483887
70	1.1168622970581055
80	1.1987636089324951
90	1.1937029361724854
100	1.1767468452453613

## Hash Join : m vs time graph

