

# ASSIGNMENT

## ADA Practical

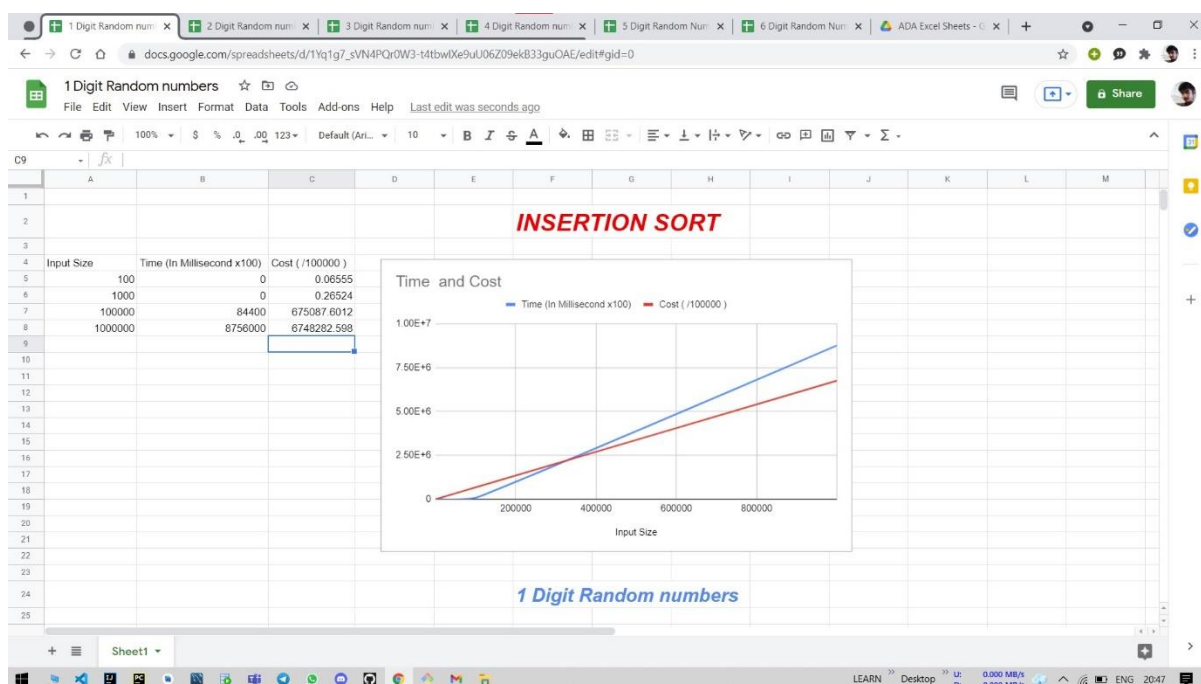
NAME :: ANAND DASANI

ENROLLMENT NO :: 190180107012

DATE :: 21/06/2021

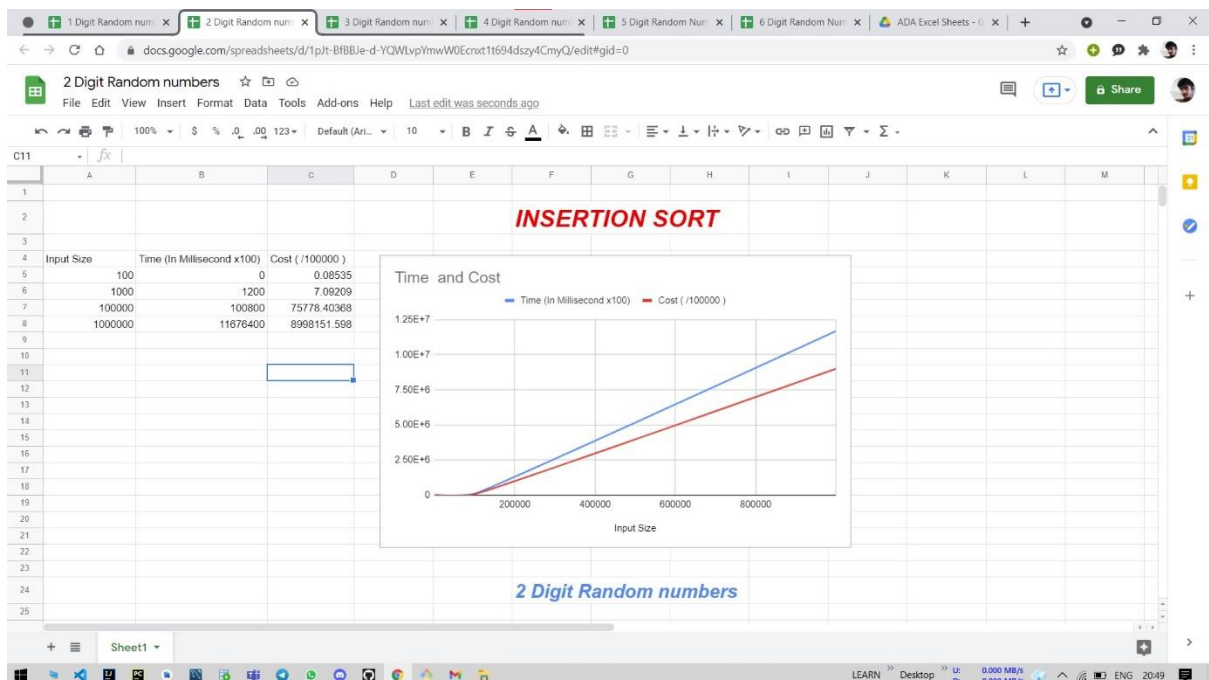
# 1. Graph for 1 Digit Random numbers

<u>Input Size</u>	<u>Time (In ms)</u>	<u>Cost</u>
100	0	6555
1000	0	26524
100000	844	6750876012
1000000	87560	674828259774



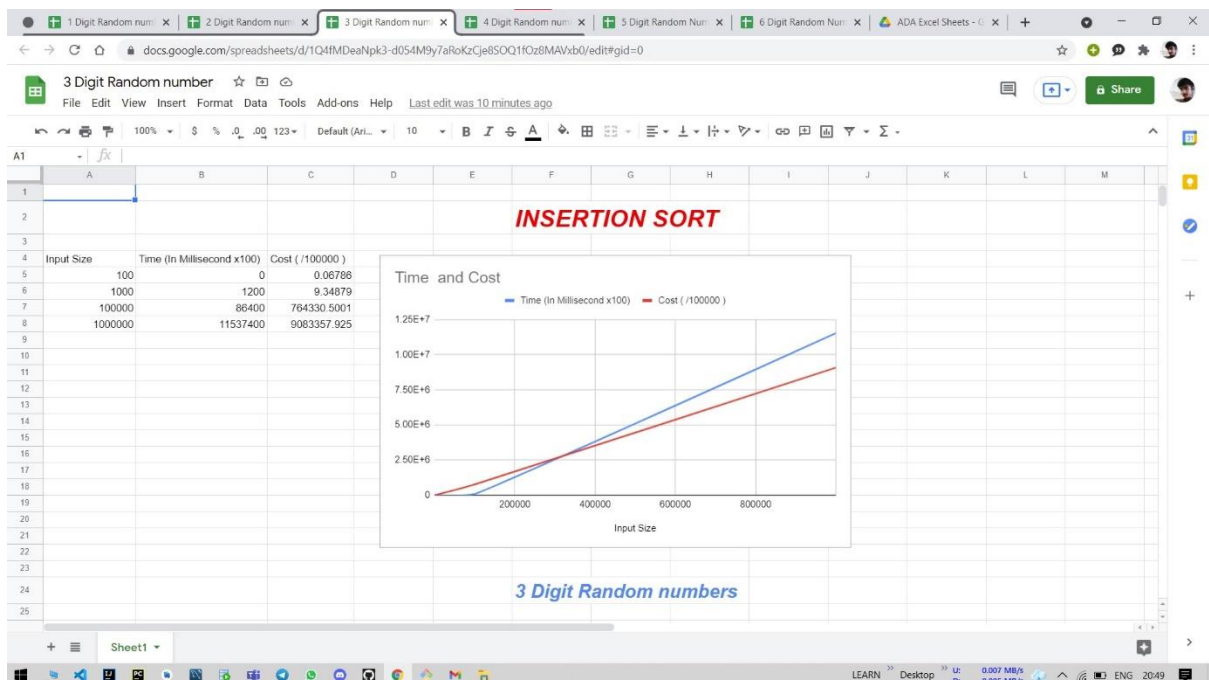
## 2. Graph for 2 Digit Random numbers

<u>Input Size</u>	<u>Time (In ms)</u>	<u>Cost</u>
100	0	8535
1000	12	709209
100000	1008	7577840368
1000000	116764	8998115159847



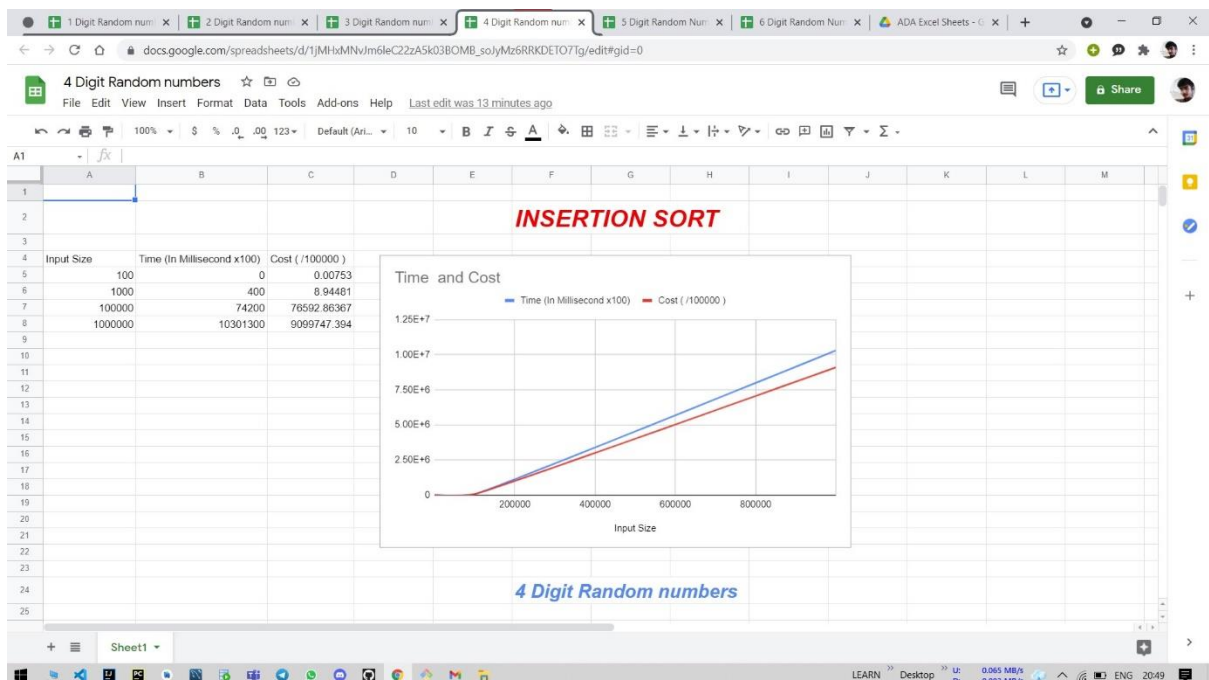
### 3. Graph for 3 Digit Random numbers

<u>Input Size</u>	<u>Time (In ms)</u>	<u>Cost</u>
100	0	6768
1000	12	709209
100000	864	7643305001
1000000	115374	908335792536



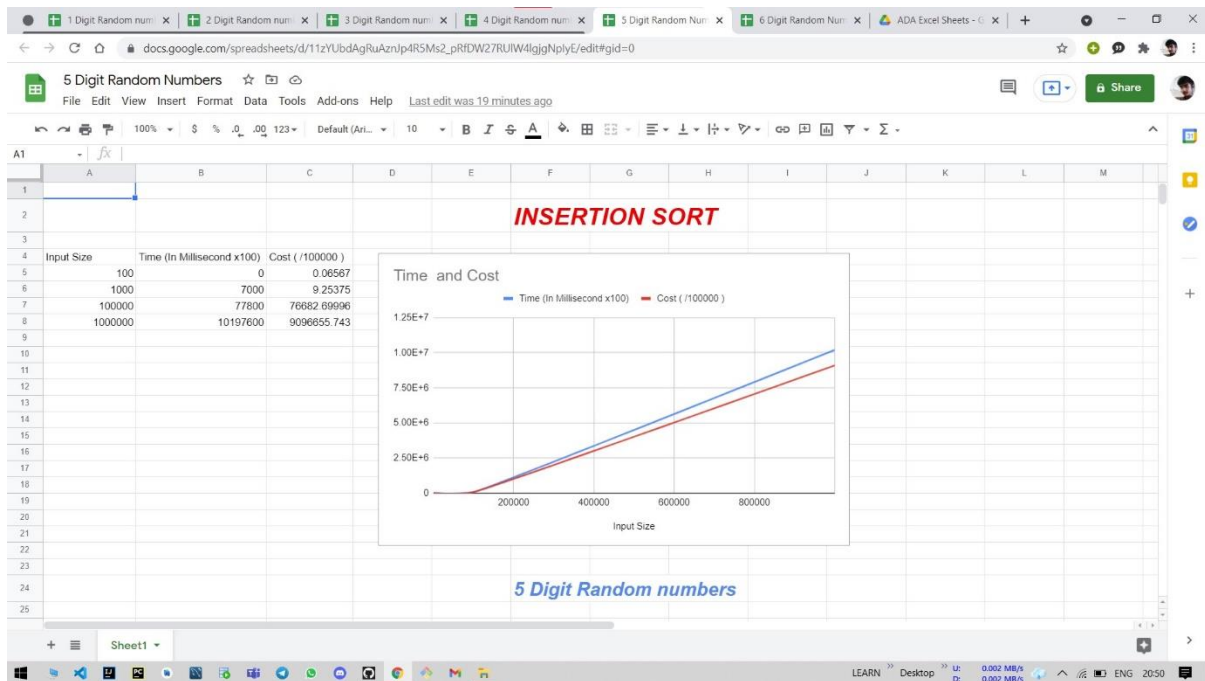
#### 4. Graph for 4 Digit Random numbers

<u>Input Size</u>	<u>Time (In ms)</u>	<u>Cost</u>
100	0	7530
1000	4	894481
100000	742	7659286367
1000000	115374	909974739402



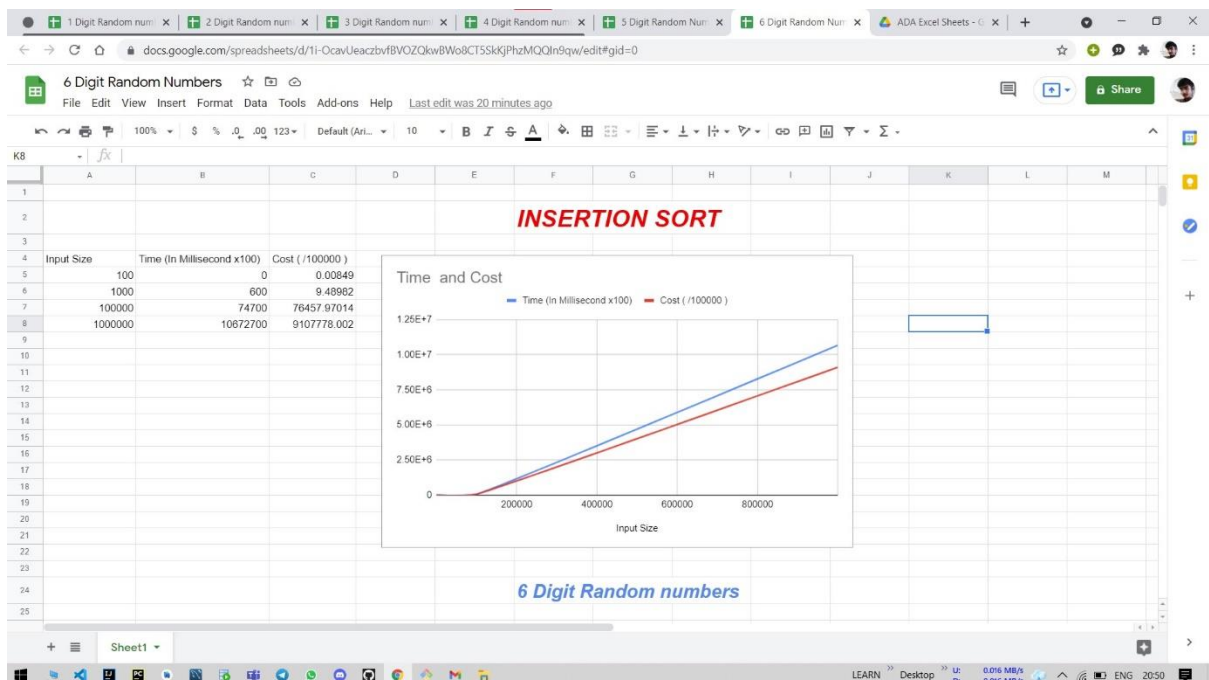
## 5. Graph for 5 Digit Random numbers

<u>Input Size</u>	<u>Time (In ms)</u>	<u>Cost</u>
100	0	6567
1000	7	925395
100000	778	7668269996
1000000	101976	909665574220

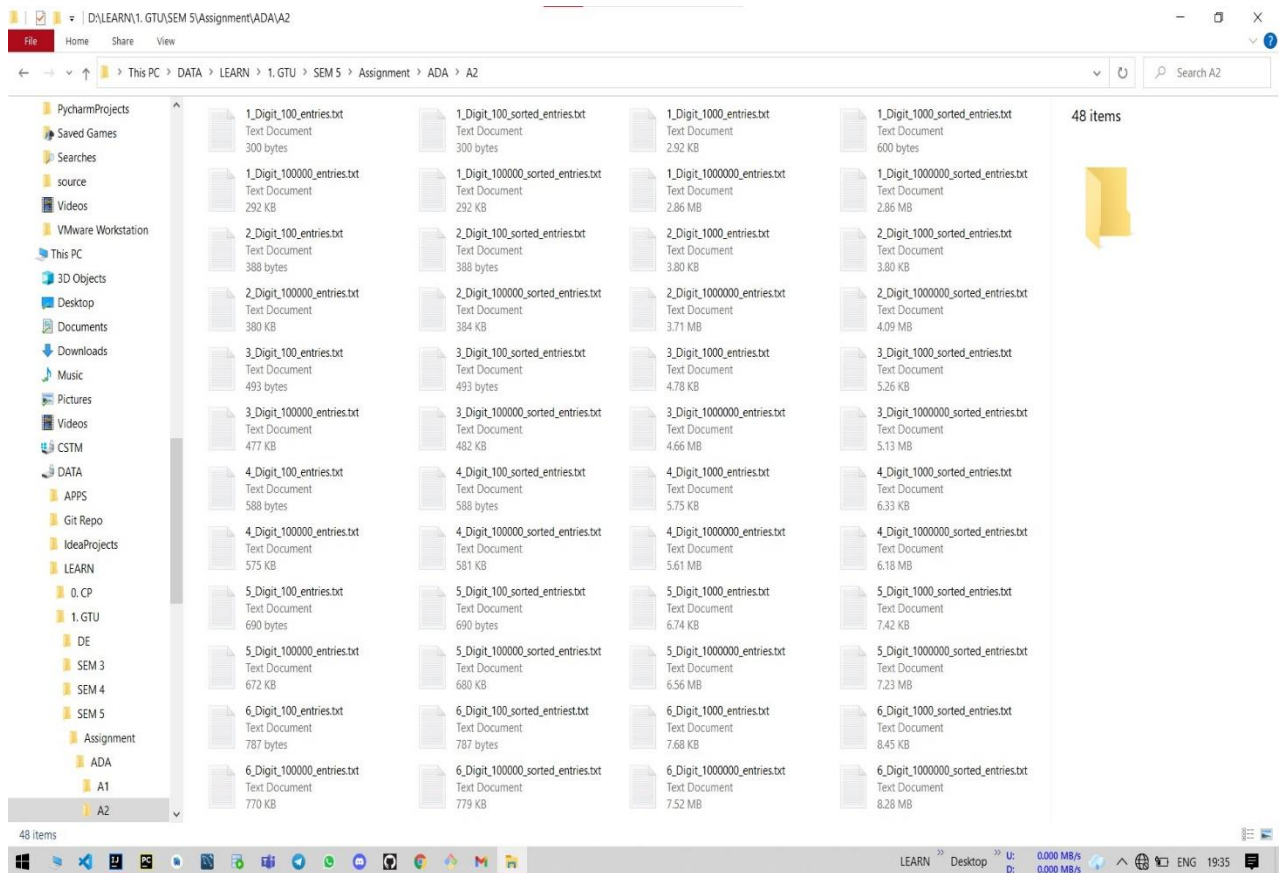


## 6. Graph for 6 Digit Random numbers

<u>Input Size</u>	<u>Time (In ms)</u>	<u>Cost</u>
100	0	8490
1000	6	948982
100000	747	7645797014
1000000	106727	910777800216



## 7. Screen Shot of Files sorted files created





## 8. Screen Shot of Excel Sheets

The screenshot shows a Google Drive interface with a folder named 'ADA Excel Sheets'. Inside this folder, there are six Excel files. The files are listed in a table with the following columns: Name, Owner, Last modified, and File size.

Name	Owner	Last modified	File size
1 Digit Random numbers	me	8:46 PM me	—
2 Digit Random numbers	me	8:49 PM me	—
3 Digit Random number	me	8:40 PM me	—
4 Digit Random numbers	me	8:37 PM me	—
5 Digit Random Numbers	me	8:32 PM me	—
6 Digit Random Numbers	me	8:30 PM me	—

The interface also shows a sidebar with navigation options like 'My Drive', 'Shared drives', 'Computers', 'Shared with me', 'Recent', 'Starred', and 'Trash'. At the bottom, there is a storage usage indicator showing '4.96 GB of 15 GB used' and a 'Buy storage' button.