## Avinash Kalivarapu 201301130

## Matrix used to plot graph

| File Size (MB) | Time (s) |
|----------------|----------|
| 5              | 8.3510   |
| 50             | 88.3070  |
| 500            | 1025.2   |
| 1000           | 2079.2   |
| 2000           | 4578.9   |
| 3000           | 6499.0   |
| 4000           | 9031.5   |
| 5000           | 12173    |

| <b>Main Memory</b> | (MB)  | Time |
|--------------------|-------|------|
| 10                 | 1276. | 487  |
| 25                 | 1268. | 598  |
| 100                | 1274. | 661  |
| 250                | 1249. | 048  |
| 512                | 1288. | 221  |

## **Graphs Plotted**



