Table 1

| Number of elements | Time(s) | | | | |
|--------------------|---------|---|---------------------------|----------|--|
| X axis | Y axis | (| Computer Specification | | |
| 20 | 0 | F | RAM | 8GB | |
| 100 | 0 | F | Processor Chip | Apple M2 | |
| 1000 | 0 | 1 | No.of Cores | 8 | |
| 5000 | 0.2 | | | | |
| 10,000 | 1 | | | | |
| 30,000 | 10.1 | | | | |
| 50,000 | 27.7 | | | | |
| 100,000 | 110.4 | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

