**RAJSHAHI UNIVERSITY OF ENGINEERING & TECHNOLOGY**

**DEPARTMENT OF**

**COMPUTER SCIENCE & ENGINEERING**

**Course no: CSE 2202**

***SUBMITTED BY***

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**Roll: 1503011**

**Section: ‘A’**

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| --- | --- | --- |
| Data | Bubble sort(sec) | Merge sort(sec) |
| 10000 | 0.7 | 0.4 |
| 20000 | 1 | 1 |
| 30000 | 3 | 2 |
| 50000 | 9 | 3 |
| 100000 | 39 | 6 |

Comparison between bubble sort and merge sort for different amounts of data: