**Lab 1 Report**

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| --- | --- | --- | --- |
| ***10*** | Bubble | Insertion | Merge |
| Random | **1.26E-06** | **6.45E-07** | **2.38E-05** |
| Reversed | **7.53E-07** | **1.11E-06** | **4.70E-05** |
| Unique | **7.43E-07** | **4.80E-07** | **2.20E-05** |
| Partial Sort | **5.97E-07** | **3.20E-07** | **2.49E-05** |

|  |  |  |  |
| --- | --- | --- | --- |
| ***1,000*** | Bubble | Insertion | Merge |
| Random | **0.004349** | **0.002994** | **0.002851** |
| Reversed | **0.005547** | **0.005714** | **0.002695** |
| Unique | **0.004335** | **0.002487** | **0.003198** |
| Partial Sort | **0.003116** | **0.00085** | **0.002802** |

|  |  |  |  |
| --- | --- | --- | --- |
| ***10,000*** | Bubble | Insertion | Merge |
| Random | **0.483847** | **0.253114** | **0.037883** |
| Reversed | **0.568547** | **0.501133** | **0.028336** |
| Unique | **0.48629** | **0.252555** | **0.038771** |
| Partial Sort | **0.308257** | **0.082631** | **0.044557** |

|  |  |  |  |
| --- | --- | --- | --- |
| ***100,000*** | Bubble | Insertion | Merge |
| Random | **52.7582** | **25.4534** | **0.95742** |
| Reversed | **51.9234** | **51.0384** | **0.587586** |
| Unique | **51.9913** | **25.7532** | **0.950039** |
| Partial Sort | **33.3884** | **8.30898** | **0.941936** |