Your Name: Fahed Rafati

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **File** | **Measures** | **Sorting Algorithm** | | | | |
| **Bubble** | **Insertion** | **Quick** | **Shell** | **Merge** |
| **Random** | #Comparisons | **99980001** | **24961928** | **105052** | **1273598** | **120454** |
| #Exchanges | **24961928** | **24961928** | **34509** | **152725** | **133616** |
| **Reversed** | #Comparisons | **99980001** | **49990139** | **103456** | **259689** | **67166** |
| #Exchanges | **49990139** | **49990139** | **13106** | **60586** | **133616** |
| **Nearly Sorted** | #Comparisons | **99980001** | **1723513** | **110549** | **557693** | **81208** |
| #Exchanges | **1723513** | **1723513** | **10561** | **37877** | **133616** |
| **Few Unique** | #Comparisons | **99980001** | **24982826** | **77272** | **1253242** | **120428** |
| #Exchanges | **24982826** | **24982826** | **40727** | **133994** | **133616** |



proof table was finished on time