IT Workshop Presentation
Comparing Different Sorting Algorithms
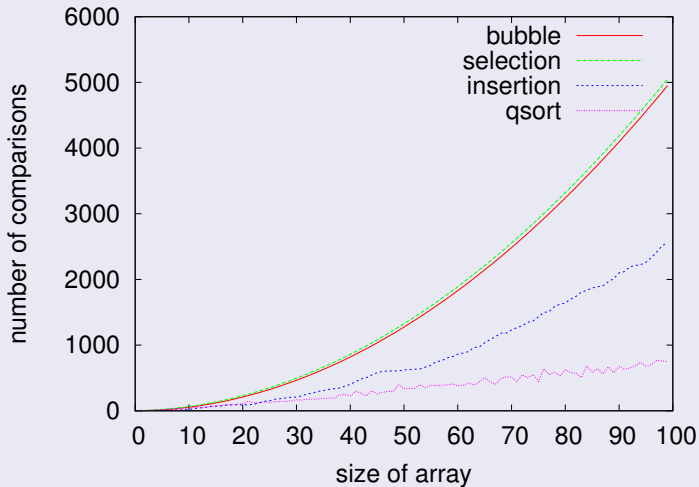
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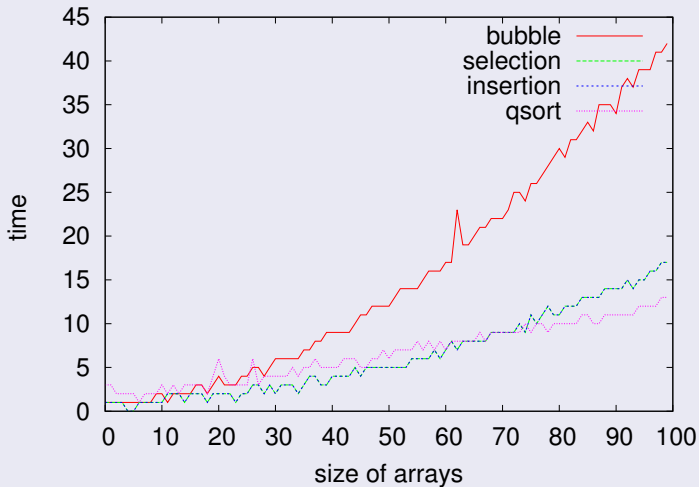
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GNU Plot of Number of comparisions vs Size of Array

GNU Plot of Time vs Size of Array

Conclusions
From analyzing the above graphs:-

- The efficiency of different algorithms can be analyzed by taking into consideration the number of comparisions and the time taken by the algorithm to sort Vs the size of array
- This model is independent of the hardware configuration of the machine.
- The best alhgorithm among the analysis is the Quick Sort algorithm
- The worst algorithm is the Selection algorithm.