

LAB 2 (DAA)

Q1: Sort a given set of elements using bubble sort and hence find the time required to sort elements.

Q2. Sort a given set of elements using selection sort and hence find the time required to sort elements.

Q3. Given a string called TEXT with ‘n’ characters and another string called PATTERN with ‘m’ characters ($m \leq n$). Write a program which implements brute force string matching to search for a given pattern in the text. If the pattern is present, then find the position of first occurrences of Pattern in that Text. make an elaborated lab assignment for students

Task to be completed:

- Write the pseudocode for the algorithm.
- Implement the solution in any language.
- Try to Analyze the time complexity of your solution.