

SHREE SWAMINARAYAN COLLEGE OF COMPUTER SCIENCE

Assignment -2 (Searching & Sorting)

Assignment Date: 1-8-2009

Submission date :- 15-8-2009

1. Write program to sort a given list using
 - (a) Bubble sort
 - (b) Selection sort
 - (c) Insertion sort
 - (d) Shell Sort
 - (e) Quick sort
 - (f) Merge sort (using two arrays and using three arrays)

2. Write program to search an element in a given list using
 - (a) Linear search (in sorted list/ in unsorted list)
 - (b) Binary search (iterative/ recursive)