Sardar Vallabhbhai National Institute of Technology, Surat
Department of Artificial Intelligence
Data Structure (AI102)
B.Tech I - II Semester

Assignment-11

1. Find the kth smallest element in an array using quicksort.

2. Given an array of non-negative integers, implement the Counting Sort algorithm to sort the array in ascending order.

3. Given an array of non-negative integers, implement the Radix Sort algorithm to sort the array in ascending order.