

LAB-6

Question 1: - Write a program for count sort.

CASE: - Enter total number of elements: -5

Enter 5element: -56,85,74,22,23

Sorted array: - 22,23,56,74,85

Question 2: - Write a program for shell sort.

CASE: - Enter total number of elements: -7

Enter 7 element: -55,85,74,98,22,45,56

Sorted array: - 22,45,55,56,74,85,98

Question 3: - Write a program for heap sort.

CASE: - Enter total number of elements: -10

Enter 10 element: -22,5,6,85,24,26,25,53,20,19

Sorted array: - 5,6,19,20,22,24,25,26,53,85