1. 5 students data should be store in array (ID,name,address) and display data value :-

Algorithm :-

Step – 1 start

Step – 2 declare id as integer Array, n, i a integer, name and address as string array

Step – 3 input n (number of student)

Step – 4 initialize i=0

Step- 5 repeat step-6 to 9 if<n else goto step 11

Step - 6 input id[i]

Step- 7 input name[i]

Step – 8 input address[i]

Step – 9 i+=1

Step – 10 goto step 5

Step – 11 initialize i=0

Step – 12 repeat step 13 to 16 if i<n else goto step 18

Step – 13 print id[i]

Step – 14 print name[i]

Step – 15 print address[i]

Step – 16 i+=1

Step – 17 goto step 12

Step – 18 stop

2.sort using bubble sort based on its employee id :-

Step – 1 start

Step – 2 declare id as integer array, n, I, j as integer and name address as 2D character array And temp as character Array.

Step – 3 input n

Step – 4 initialize i=0

Step – 5 repeat step 6 to 10 if i<n else goto step 11

Step - 6 input id[i]

Step- 7 input name[i]

Step – 8 input address[i]

Step – 9 i+=1

Step – 10 goto step 5

Step – 11 initialize i=0

Step – 12 repeat step 12 to 17 if i<n else goto step 18

Step – 13 print id[i] (print before applying bubble sort)

Step – 14 print name[i]

Step – 15 print address[i]

Step – 16 i+=1

Step – 17 goto step 10

Step – 18 initialize=0

Step – 19 repeat step 18 to if i<n else goto step 27

Step – 20 initialize=0

Step – 21 repeat step 22 to 24 if j<n-i-1 else goto step 25

Step – 22 if id[j]>id[j+1]

Then

Temp=id[j];

id[j]=id[j+1];

id[j+1]=temp;

strcpy(tmp,name[j]);

strcpy(name[j], name[j+1]);

strcpy(name[j+1],tmp);

strcpy(tmp,address[j]);

strcpy(address[j],address[j+1]);

strcpy(address[j+1],tmp);

step – 23 j=j+1

step – 24 goto step 21

step – 25 i=i+1

step – 26 goto step 19

step – 27 i=0

step – 28 repeat step to, if i<n else goto step 34

step – 29 print id[i]

step – 30 print name[i]

step – 31 print address[i]

step – 32 i=i+1

step – 33 goto step 28

step 34 stop