

```
#include<stdio.h>
void main()
{
    int a[50], n, i, j, temp;

    printf("\nEnter the total number of elements: ");
    scanf("%d", &n);

    printf("\nEnter the array elements: ");
    for(i=0; i<n; i++)
        scanf("%d", &a[i]);

    for(i=0; i<n-1; i++)
    {
        for(j=0; j<n-i-1; j++)
        {
            if(a[j] > a[j+1])
            {
                temp = a[j];
                a[j] = a[j+1];
                a[j+1] = temp;
            }
        }
    }

    printf("\nSorted List: \n");
    for(i=0; i<n; i++)
        printf("%d\t", a[i]);
}
```

Output 1

Enter the total number of elements: 3

Enter the array elements: 30 10 20

Sorted List:

10 20 30

Output 2

Enter the total number of elements: 5

Enter the array elements: 50 40 30 20 10

Sorted List:

10 20 30 40 50

Output 3

Enter the total number of elements: 5

Enter the array elements: -10 -20 -40 -50 -30

Sorted List:

-50 -40 -30 -20 -10