

```
#include <stdio.h>

void main()
{
    int a[50], i, j, n, temp;

    printf("Enter number of elements in the array\n");
    scanf("%d", &n);

    printf("Enter %d elements\n", n);
    for (i = 0; i < n; i++)
    {
        scanf("%d", &a[i]);
    }

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

```
printf("After sorting:\n");  
for (i = 0; i < n; i++)  
{  
    printf("%d ", a[i]);  
}  
}
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS D:\Atharv\Desktop\Programming Sem-3\DSA\Practical 3> cd "d:\Atharv\Desktop\Programming  
lesort } ; if ($?) { .\bubblesort }  
Enter number of elements in the array  
5  
Enter 5 elements  
12  
6  
35  
46  
26  
After sorting:  
6 12 26 35 46  
PS D:\Atharv\Desktop\Programming Sem-3\DSA\Practical 3> █
```