```c
#include<stdio.h>
void bubble(int a[],int n);
int i,j,temp,a[25],n;
void main()
{
clrscr();
printf("\n\nEnter how many numbers you want to sort\n\n");
scanf("%d",&n);
printf("\nEnter the numbers \n");
for (i=0;i<n;i++)
{
scanf("%d",&a[i]);
}
bubble(a,n);
printf("\n\nFinal sorted list is ");
for (i=0;i<n;i++)
printf("%d ",a[i]);
getch();
}
void bubble(int a[],int n)
{
     int k;
    for(i=0;i<n-1;i++)
    {
    printf("\n\n PASS->%d ",i+1);
    for(j=i+1;j<=n-1;j++)
    {
        if(a[i]>a[j])
        {
            temp=a[i];
            a[i]=a[j];
            a[j]=temp;
        }
    }
    for(k=0;k<n;k++)
    printf("%d ",a[k]);
    printf("\n");
    }
}
```

-->>SAMPLE INPUT AND OUTPUT:

  Enter how many elements you want to sort

5

Enter the numbers
5
4
3
2
1

PASS->1 1 5 4 3 2
PASS->2 1 2 5 4 3
PASS->3 1 2 3 5 4
PASS->4 1 2 3 4 5

Final sorted list is 1 2 3 4 5