



```

#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
void bubblesort(int x[ ],int n)
{
    int i,pos,temp, sorted=0;
    for (pos=0;pos<n-1&&sorted==0;pos++)
    {
        sorted=1;
        for(i=0;i<n-pos-1;i++)
        {
            if(x[i]>x[i+1])
            {
                temp=x[i+1];
                x[i+1]=x[i];
                x[i]=temp;
                sorted=0;
            }
        }
        printf("End of Pass:%d\n",pos+1);
        for(i=0;i<n;i++)
            printf("%d\t",x[i]);
        printf("\n");
    }
}

```

```

void main( )
{
    int *info,n,i;
    printf("feed no of data items\n");
    scanf("%d",&n);
    info=(int *)malloc(sizeof(int)*n);

    printf("feed in the values\n");
    for(i=0;i<n;i++)
        scanf("%d",&info[i]);

    bubblesort(info,n);
    printf("the list data is as follows\n");
    for(i=0;i<n;i++)
        printf("%d\t",info[i]);
}

```