```c
#include<stdio.h>
//Enrollment no:19BEIT30030
//Name:Vaghasiya Jayraj D.
void main()
{
    int a[10],i,j,n,temp,flag=0,pass=0;
    printf("How many numbers you want to sort:");
    scanf("%d",&n);
    for(i=0;i<n;i++)
    {
        printf("Enter a[%d]:",i);
        scanf("%d",&a[i]);
    }
    for(i=0;i<n;i++)
    {
        for(j=0;j<n-i-1;j++)
        {
            if(a[j]>a[j+1])
            {
                flag=1;
                temp=a[j];
                a[j]=a[j+1];
                a[j+1]=temp;
                pass++;
            }
        }
        if(flag==0)
        {
            break;
        }
    }
    for(i=0;i<n;i++)
    {
        printf("a[%d]:%d\n",i,a[i]);
    }
    printf("No of passes completed:%d",pass);
}
```