

```

#include<stdio.h>
main()
{
    int i,j,n,sv,Found=-1,BEG, END, MID;
    printf("Enter the number of element\n");
    scanf("%d",&n);
    int a[n];
    printf("Enter the value\n");
    for (i=0;i<n;i++)
    {
        scanf("%d",&a[i]);
    }
    printf("Enter the search value\n");
    scanf("%d",&sv);
    BEG=0;
    END=n-1;
    MID=(BEG+END)/2;
    while(BEG<=END)
    {
        if(a[MID]==sv)
        {
            Found=1;
            break;
        }
        /*else if (BEG==END)
        {
            break;
        }*/
        else if (a[MID]>sv)
        {
            END=MID-1;
        }
        else
        {
            BEG=MID+1;
        }
        MID=(BEG+END)/2;
    }
    if(Found==1)
    {
        printf("Value Found");
    }
    else
    {
        printf("Value does not found");
    }
}

```