```c
#include<stdio.h>
int binary_search(int[],int,int);
void main()
{
    int arr[100],size,data,i,index;
    printf("Enter size of an array ");
    scanf("%d",&size);
    printf("Enter elements in an array ");
    for(i=0;i<size;i++)
    {
        scanf("%d",&arr[i]);
    }
    printf("Enter data you want to search ");
    scanf("%d",&data);
    if(index=binary_search(arr,data,size))
    {
        printf("Element found at %d\n",index);
    }
    else
    {
        printf("Element not found\n");
    }
}
int binary_search(int arr[],int info,int n)
{
    int l=0,r=n,mid;
    while(l<=r)
    {
        mid=(l+r)/2;
        if(arr[mid]==info)
            return mid;
        else if(arr[mid]>info)
            l=mid+1;
        else if(arr[mid]<info)
            r=mid-1;
        else
            return 0;
    }
}
```