

```

#include<stdio.h>
#include<conio.h>

int n,array[10],i,j,low,high,mid,key;
void main(){
    printf("*****This is the Binary Search*****\n");
    printf("Enter the number of Element in array:");
    scanf("%d",&n);
    for(i=0;i<n;i++){
        printf("Enter the element %d :",i);
        scanf("%d",&array[i]);

    }
    printf("Enter the element you want to find:");
    scanf("%d",&key);
    low=0;
    high=n;
    mid=0;
    while(low<=high)
    {
        mid = (high+low)/2;
        if( array[mid]==key){
            printf("Element is found at %d",mid);
            break;

        }
        else if(array[mid]<key){
            low=mid+1;
        }
        else
        {
            high=mid-1;
        }
    }
}

```