

PROGRAM

```
#include <stdio.h>

int main(){
    int arr[10], n, s, i, flag=0;
    printf("Enter the size of the array: ");
    scanf("%d", &n);
    printf("Enter elements: ");
    for (i = 0; i < n; i++) {
        scanf("%d", &arr[i]);
    }
    printf("Enter the element to be searched: ");
    scanf("%d", &s);
    for (i = 0; i < n; i++) {
        if(arr[i]==s){
            flag=1;
            break;
        }
    }
    if(flag==1){
        printf("Element found");
    }else{
        printf("Element not found");
    }
    return 0;
}
```

OUTPUT

Enter the size of the array: 5

Enter elements: 1 2 3 4 5

Enter the element to be searched: 4

Element found