

```
#include<stdio.h>
void main()
{
    int arr[100],size,data,i;
    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);
    for(i=0;i<size;i++)
    {
        if(arr[i]==data)
        {
            printf("Element found at index %d\n",i);
            break;
        }
    }
    if(i==size)
    {
        printf("Element not found\n");
    }
}
```