

## PROGRAM 9:

```
#include<stdio.h>

int main()
{
    int a[20],i,x,n;
    printf("How many elements?");
    scanf("%d",&n);

    printf("Enter array elements:");
    for(i=0;i<n;++i)
        scanf("%d",&a[i]);

    printf("\nEnter element to search:");
    scanf("%d",&x);

    for(i=0;i<n;++i)
        if(a[i]==x)
            break;

    if(i<n)
        printf("Element found at index %d",i);
    else
        printf("Element not found");
    return 0;
}
```

## OUTPUT:

```
C:\Users\A.V.NAGA KAVYA\Documents\ds9.exe
How many elements?6
Enter array elements:54
2
89
56
34
21
Enter element to search:56
Element found at index 3
-----
Process exited after 41.21 seconds with return value 0
Press any key to continue . . .
```