SNS COLLEGE OF TECHNOLOGY

Coimbatore-35.
An Autonomous Institution

COURSE NAME : 23CST101 PROBLEM SOLVING AND C PROGRAMMING

I YEAR/ I SEMESTER

UNIT-III ARRAYS AND STRINGS

Topic: Strings

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Searching an element in an array

```c
#include<stdio.h>
#include<conio.h>
 void main()
{
int a[15],n,e,i,f=0;
clrscr();
printf("Enter the number of elements :");
 scanf("%d",&n);
printf("Enter the elements\n");
for(i=0;i<n;i++)
{
scanf("%d",&a[i]);
}
printf("Enter the element to search :");
scanf("%d",&e);
for(i=1;i<n;i++)
```

Searching an element in an array

```
{
if(e==a[i]) f=1;
}
if(f==1)
printf("The element %d is found",e);
else
printf("The element %d is not found",e);
getch();
}
```

Output:

Enter the number of elements : 4

Enter the elements

11

22

33

44

Enter the element to search : 33

The element 33 is found