SNS COLLEGE OF TECHNOLOGY

Coimbatore-35.
An Autonomous Institution

COURSE NAME : 19CST101 PROGRAMMING FOR PROBLEM SOLVING

I YEAR/ I SEMESTER

UNIT-III ARRAYS AND STRINGS

Topic: Strings

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Sorting an element in an array

```c
#include<stdio.h>
#include<conio.h>
void main()
{
int i,j,n,a[10],temp;
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]);
}
for(i=0;i<n;i++)
{
for(j=i+1;j<n;j++)
```

This is programiz.com

Sorting an element in an array

```
{
if(a[i]>a[j])
{
temp=a[i]; a[i]=a[j]; a[j]=temp;
}
}
}
printf("The sorted array elements is\n"); for(i=0;i<n;i++)
printf("%d\t",a[i]); getch();
}
```

Sorting an element in an array

Output:

Enter the number of elements :4 Enter the elements

44

11

33

22

The sorted array elements is 11

22

33

44