

Practical 12

Aim: Write and execute two simple programs using string library functions.

Code:

```
1) #include <stdio.h>
   #include <string.h>
   int main () {
       char arr[50];
       printf("Enter a word : ");
       scanf("%s", arr);
       printf("The length of the word you entered is : %d", strlen(arr));
   }
```

```
2) #include <stdio.h>
   #include <string.h>
   int main () {
       char name[20], surname[20];
       printf("This is a use of strcat : \n\n");
       printf("Enter your first name : ");
       scanf("%s", name);
       printf("Enter your surname : ");
       scanf("%s", surname);

       printf("The joined string will be : %s", strcat(name, surname));
   }
```

Conclusion:

Hence, I wrote and executed two simple programs using string library functions.

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Aim: Write and execute a simple program using character array

Theory: Character Array

In C, an array of type char is used to represent a character string. The set of char is marked by a left curly brace and a right curly brace. Null character '\0' is added to the end of the string.

```
D:\coding\C\practicals\practicalTwelve\12.1.exe
Enter a word : Programming
The length of the word you entered is : 11
```

```
D:\coding\C\practicals\practicalTwelve\12.2.exe
This is a use of strcat :
Enter your first name : Dennis
Enter your surname : Ritchie
The joined string will be : DennisRitchie
```