

VIT - Vellore

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BCSE102P_Structured and Object Oriented Programming Lab_VL2024250502365

VIT V_BCSE102P_Lab 2_COD_Easy_Strings

Attempt : 1

Total Mark : 20

Marks Obtained : 20

Section 1 : Coding

1. Problem Statement

Abi is currently working on a program to calculate the length of a given string. She needs a tool that can efficiently determine the number of characters in a string.

Help her to complete task.

Answer

```
// You are using GCC
```

```
#include<stdio.h>
```

```
#include<string.h>
```

```
int calculateLength(char str[]){  
    int length = 0;
```

```

        while(str[length] != '\0'){
            length++;
        }
        return length;
    }
    int main()
    {
        char input[51];

        scanf("%s",input);

        int length = calculateLength(input);

        printf("%d\n",length);

        return 0;
    }

```

Status : Correct

Marks : 10/10

2. Problem Statement

Ramesh is currently working on a program to concatenate two strings efficiently. He wants to create a tool that can take two input strings, concatenate them, and then display the resulting string.

Help him in the program.

Answer

```

// You are using GCC
#include<stdio.h>
#include<string.h>

int main(){
    char str1[26], str2[26];

    scanf("%s", str1);
    scanf("%s", str2);

    strcat(str1,str2);

```

```
} printf("%s\n",str1);
```

Status : Correct

Marks : 10/10