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/* Program to Concatenate Two Strings without using strcat() */

#include <stdio.h>
#include <conio.h>
#include <string.h>

main()
{
    char string1[30], string2[20];
    int i, length=0, temp;

    printf("Enter the Value of String1: \n");
    gets(string1);
    printf("\nEnter the Value of String2: \n");
    gets(string2);

    for(i=0; string1[i]!='\0'; i++)
        length++;

    temp = length;

    for(i=0; string2[i]!='\0'; i++)
    {
        string1[temp] = string2[i];
        temp++;
    }
    string1[temp] = '\0';

    printf("\nThe concatenated string is:\n");
    puts(string1);
    getch();
}
```