**#include<stdio.h>**

**void strlength(char s1[20],char s2[20]);**

**void strcompare(char s1[20],char s2[20]);**

**void strconcat(char s1[40],char s2[40]);**

**void main()**

**{**

**char s1[20],s2[20];**

**printf("enter s1 :\n");**

**scanf("%s",s1);**

**printf("enter s2:\n");**

**scanf("%s",s2);**

**strlength(s1,s2);**

**strcompare(s1,s2);**

**strconcat(s1,s2);**

**}**

**void strlength(char s1[20],char s2[20])**

**{**

**int i,j;**

**for(i=0;s1[i]!='\0';i++);**

**printf("Length of the string =%d\n",i);**

**for(j=0;s2[j]!='\0';j++);**

**printf("Length of the string =%d\n",j);**

**}**

**void strcompare(char s1[20],char s2[20])**

**{**

**int c,i,j,k;**

**for(i=0;s1[i]!='\0';i++);{}**

**for(j=0;s2[j]!='\0';j++);{}**

**if(i==j)**

**printf("Both are of the same size\n");**

**else if(i>j)**

**printf("s1 is greater than s2") ;**

**else**

**printf("s1 is less than s2\n");**

**}**

**void strconcat(char s1[40],char s2[40])**

**{**

**int i,j;**

**for(i=0;s1[i]!='\0';i++);**

**for(j=0;s2[j]!='\0';i++,j++)**

**s1[i]=s2[j];**

**s1[i]='\0';**

**printf("\nconcatenated string is =%s\n",s1);**

**}**