PROGRAM 6

AIM:-To concatenate two strings.

**Algorithm :-**

**Step 1:-**Initialize the string using char data type.

**Step 2:-**INPUT the first name in STR string.

**Step 3:-**INPUT the second name in STR2 string.

**Step 4:-** Take another string STR3 and store the first name in it.

**Step 5:-** Repeat step 6 & 7 till STR[INT]!=’\0’

**Step 6:-**STR3[INT]=STR[INT]

**Step 7:-**INT=INT+1

[End of step 5]

**Step 8:-** Repeat step 9 & 10 till STR[INT]!=’\0’

**Step 9:-**STR3[INT]=STR2[INT]

**Step 10:-**INT=INT+1

[End of step 8]

**Step 11:-**Exit

**SOURCE CODE**

#include<stdio.h>

main()

{

int a=0,b=0,c=0;

system("color F0");

char str[20],str2[20],str3[40];

printf("enter the first name=");

scanf("%s",&str);

printf("\nEnter the second name=");

scanf("%s",&str2);

while(str[a]!='\0')

{

str3[a]=str[a];

a++;

}

str3[a]=' ';

a++;

while(str2[b]!='\0')

{

str3[a]=str2[b];

a++;

b++;

}

str3[a]='\0';

printf("\nThe total string=%s",str3); }

