/\*.. Program to Replace FROM string with TO string in the MAIN string.. \*/

#include<stdio.h>

#include<string.h>

void main()

{

char str1[80],str2[80],from[20],to[20];

char\*replace1(char\*,char\*,char\*,char\*);

clrscr();

printf("\nEnter a MAIN string :");

fflush(stdin);

gets(str1);

strcpy(str2,str1);

printf("\nEnter the FROM string to be replaced : ");

fflush(stdin);

gets(from);

printf("\nEnter the TO string to replace :");

fflush(stdin);

gets(to);

printf("\nString after replacement\n%s",replace1(str1,str2,from,to));

getch();

}

char\* replace1(char \*str1,char \*str2,char \*from,char \*to)

{

int i,j,temp1,temp2,flag=0,k;

for(i=0;str1[i];i++)

{

flag=0;

if(str1[i]==\*from)

{

temp1=i;

for(j=0;from[j];j++,i++)

{

if(str1[i]!=from[j])

{

flag=1;

break;

}

}

temp2=i;

if(flag==0)

{

for(j=temp1,k=0;to[k];k++,j++)

{

str1[j]=to[k];

}

for(k=temp2;str2[j]!=NULL;j++,k++)

{

str1[j]=str2[k];

}

str1[j]=NULL;

}

}

}

if(flag==1)

{

printf("\nThe FROM string is not present in the MAIN string");

getch();

exit(0);

}

return str1;

}