```
=[■]==================== ESSAY24.C ====================1=[↕]=
#include<stdio.h>
#define NO 256
int areAnagram(char*str1,char*str2)
{
int count1[NO]={0};
int count2[NO]={0};
int i;
for(i=0;str1[i]&&str2[i];i++)
{
count1[str1[i]]++;
count2[str2[i]]++;
}
if(str1[i]||str2[i])
return 0;
for(i=0;i<NO;i++)
if(count1[i]!=count2[i])
return 0;
return 1;
}
int main()
{
```

```
=[■]======================== ESSAY24.C =======================1=[↕]=
if(count1[i]!=count2[i])
return 0;
return 1;
}
int main()
{
char str1[20];
char str2[20];
printf("Input the first string:");
scanf("%s",&str1);
printf("Input the second string:");
scanf("%s",&str2);
if(areAnagram(str1,str2))
printf("The two strings are anagram of each other");
else
printf("The Two strings are not anagram of each other");
return 0;
}
```

```
C:\TURBOC3\BIN>TC
Input the first string:spears
Input the second string:pearse
The Two strings are not anagram of each otherInput the first string:spare
Input the second string:pears
The two strings are anagram of each otherInput the first string:
```