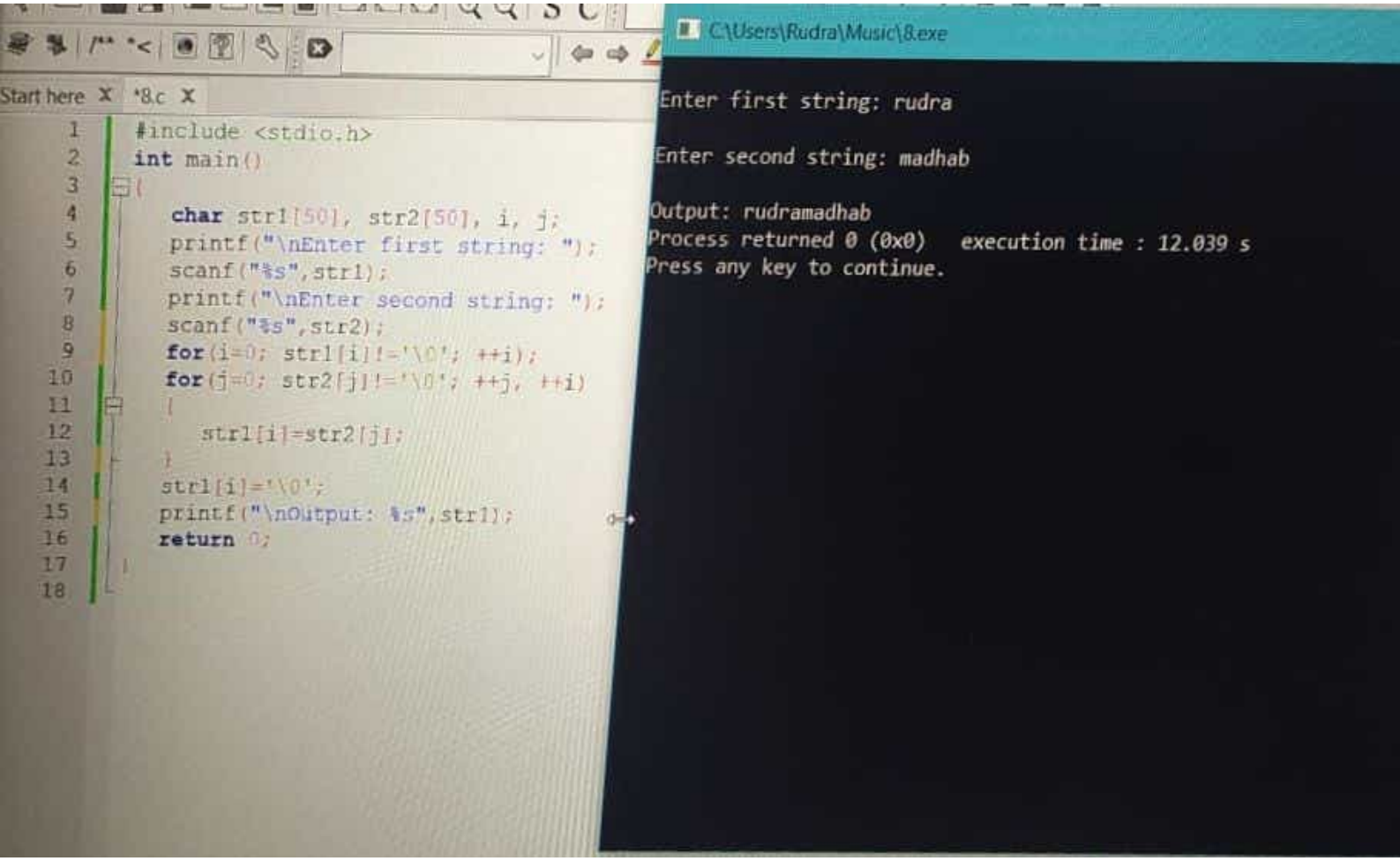
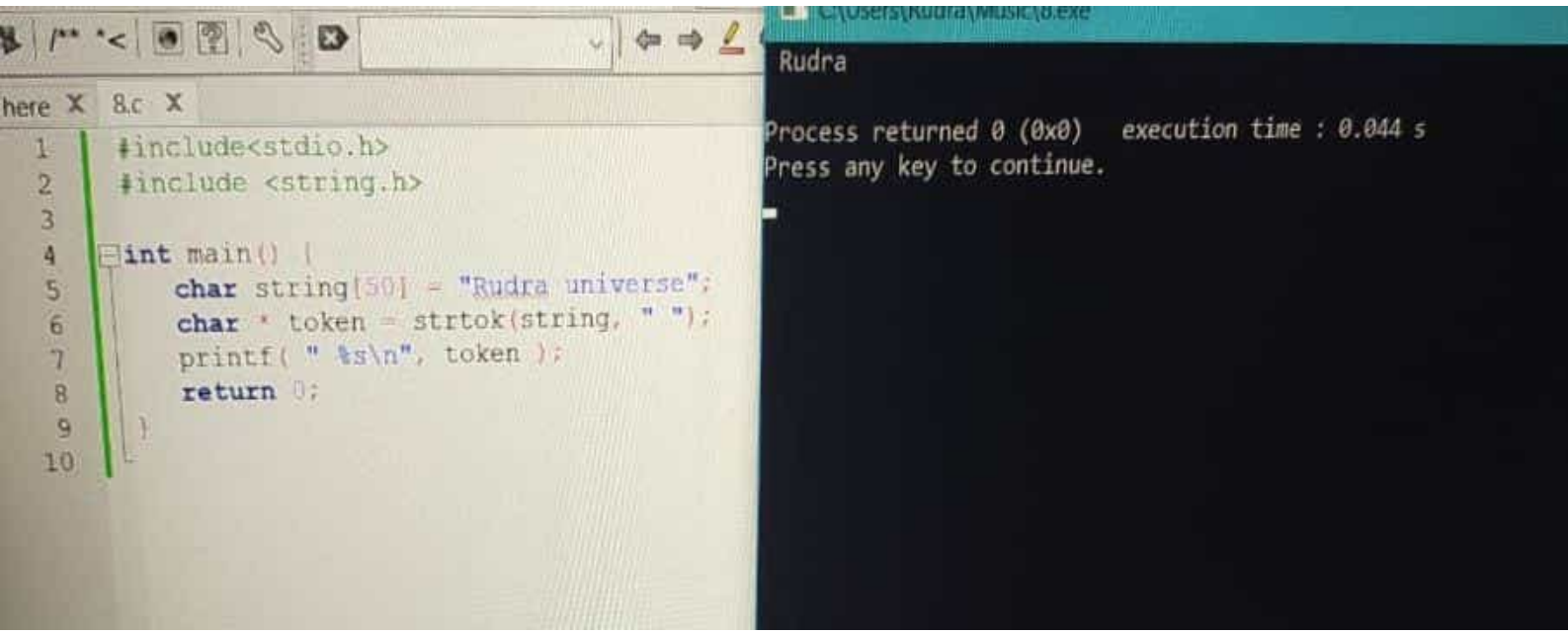

Start here
*8.c
#include <stdio.h>
int main()
{
char str1[50], str2[50], i, j;
printf("\nEnter first string: ");
scanf("%s",str1);
printf("\nEnter second string: ");
scanf("%s",str2);
for(i=0; str1[i]!='\0'; ++i);
for(j=0; str2[j]!='\0'; ++j, ++i)
{
str1[i]=str2[j];
}
str1[i]='\0';
printf("\nOutput: %s",str1);
return 0;
}
C:\Users\Rudra\Music\8.exe
Enter first string: rudra
Enter second string: madhab
Output: rudramadhab
Process returned 0 (0x0) execution time : 12.039 s
Press any key to continue.

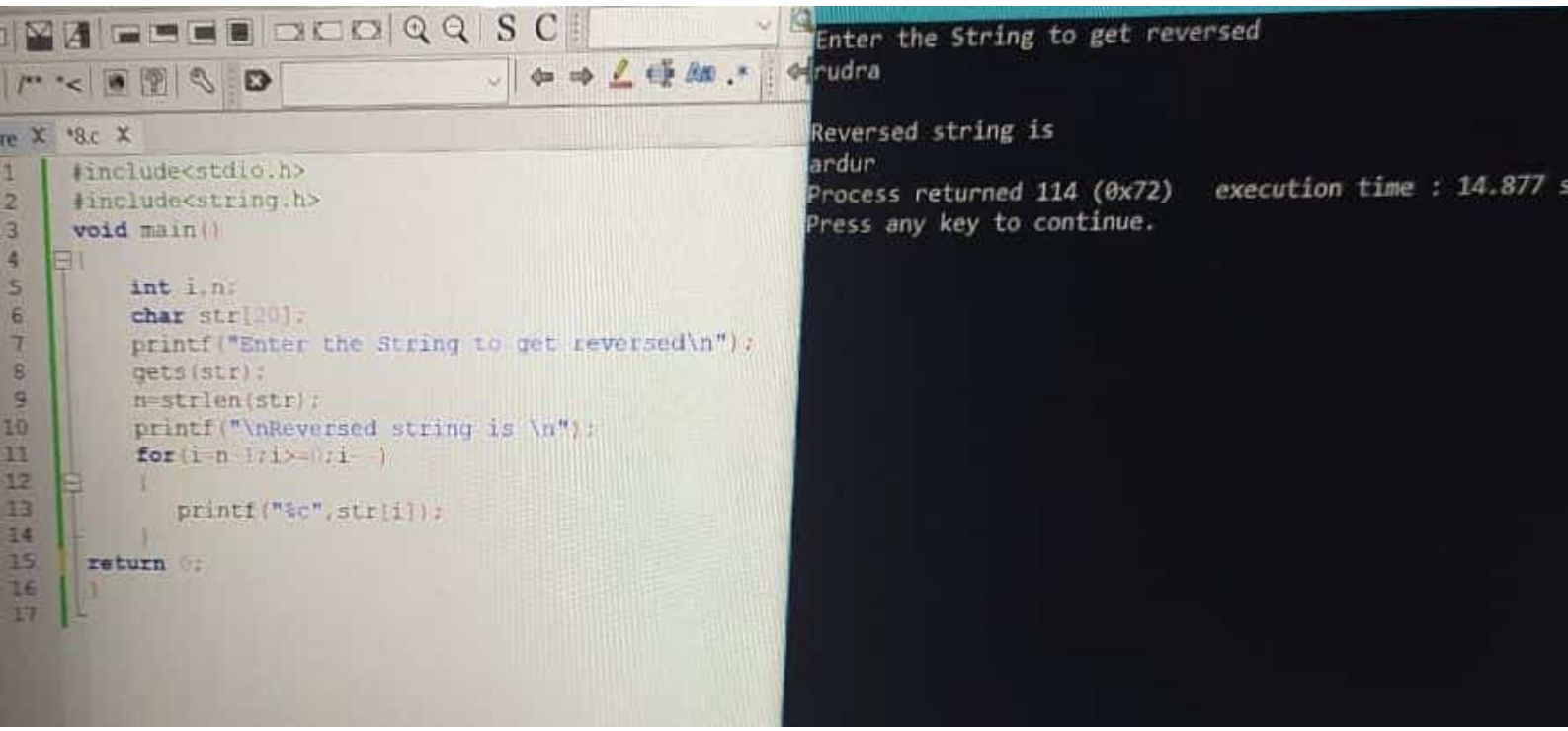
here X 8.c X

```c
#include<stdio.h>
#include<string.h>
void main()
{
    char str[20];
    printf("Enter the String to get reversed\n");
    gets(str);
    printf("\nReversed string = %s",strrev(str));
}
```

C:\Users\Rudra\Music\8.exe

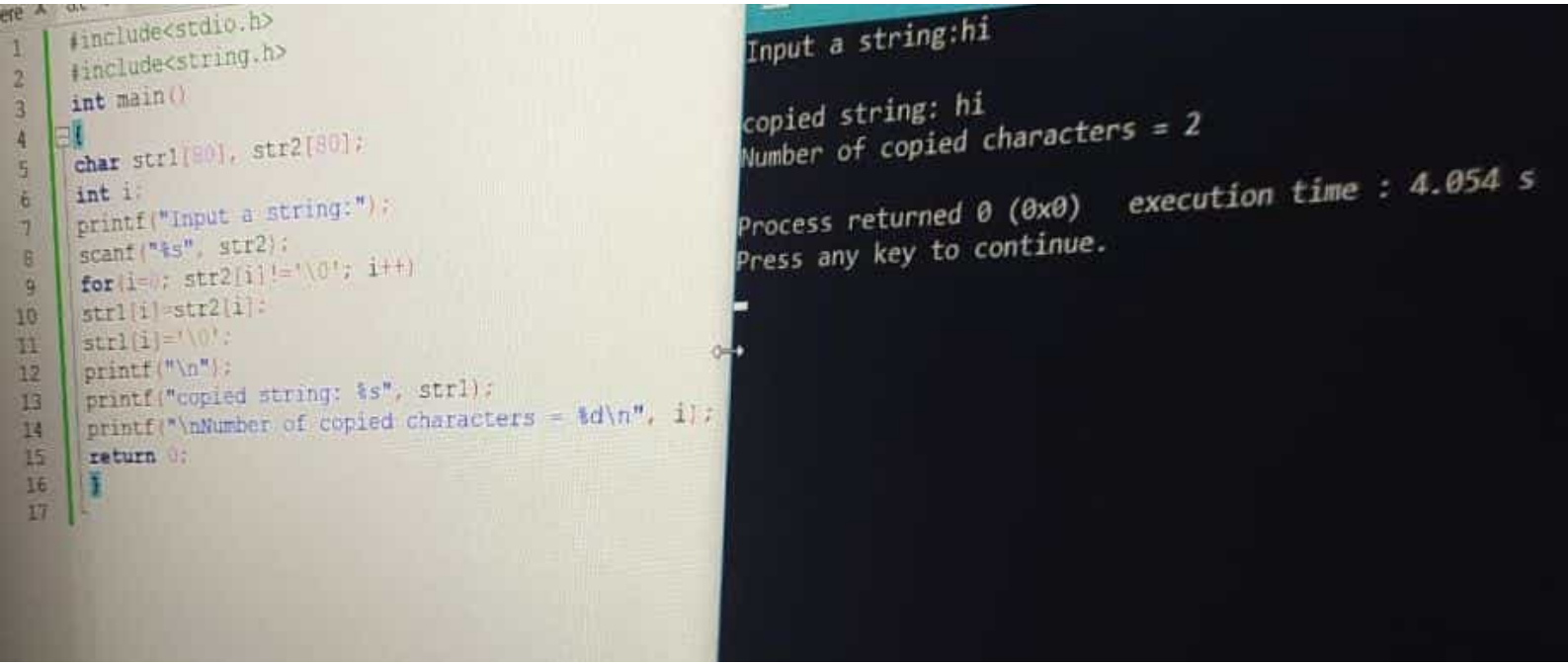
```
Enter the String to get reversed
abhishek

Reversed string = kehsihba
Process returned 27 (0x1B)   execution time : 12.610 s
Press any key to continue.
```


here
8.c
1 #include<stdio.h>
2 #include <string.h>
3
4 int main() {
5 char string[50] = "Rudra universe";
6 char * token = strtok(string, " ");
7 printf(" %s\n", token);
8 return 0;
9 }
10
Rudra
Process returned 0 (0x0) execution time : 0.044 s
Press any key to continue.



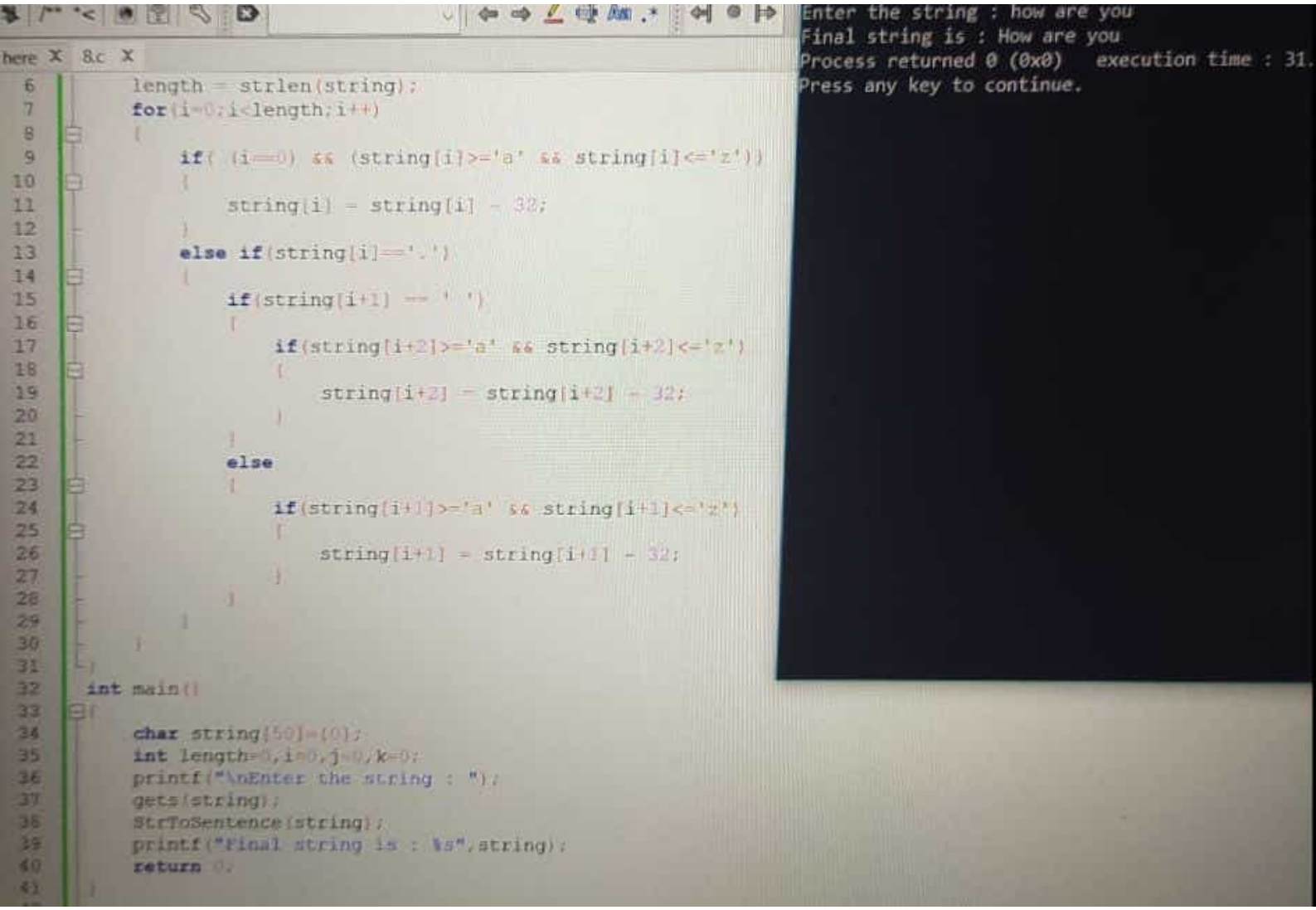
```c
#include<stdio.h>
#include<string.h>
void main()
{
    int i,n;
    char str[20];
    printf("Enter the String to get reversed\n");
    gets(str);
    n=strlen(str);
    printf("\nReversed string is \n");
    for(i=n-1;i>=0;i--)
    {
       printf("%c",str[i]);
    }
return 0;
}
```

```
Enter the String to get reversed
rudra

Reversed string is
ardur
Process returned 114 (0x72)   execution time : 14.877 s
Press any key to continue.
```



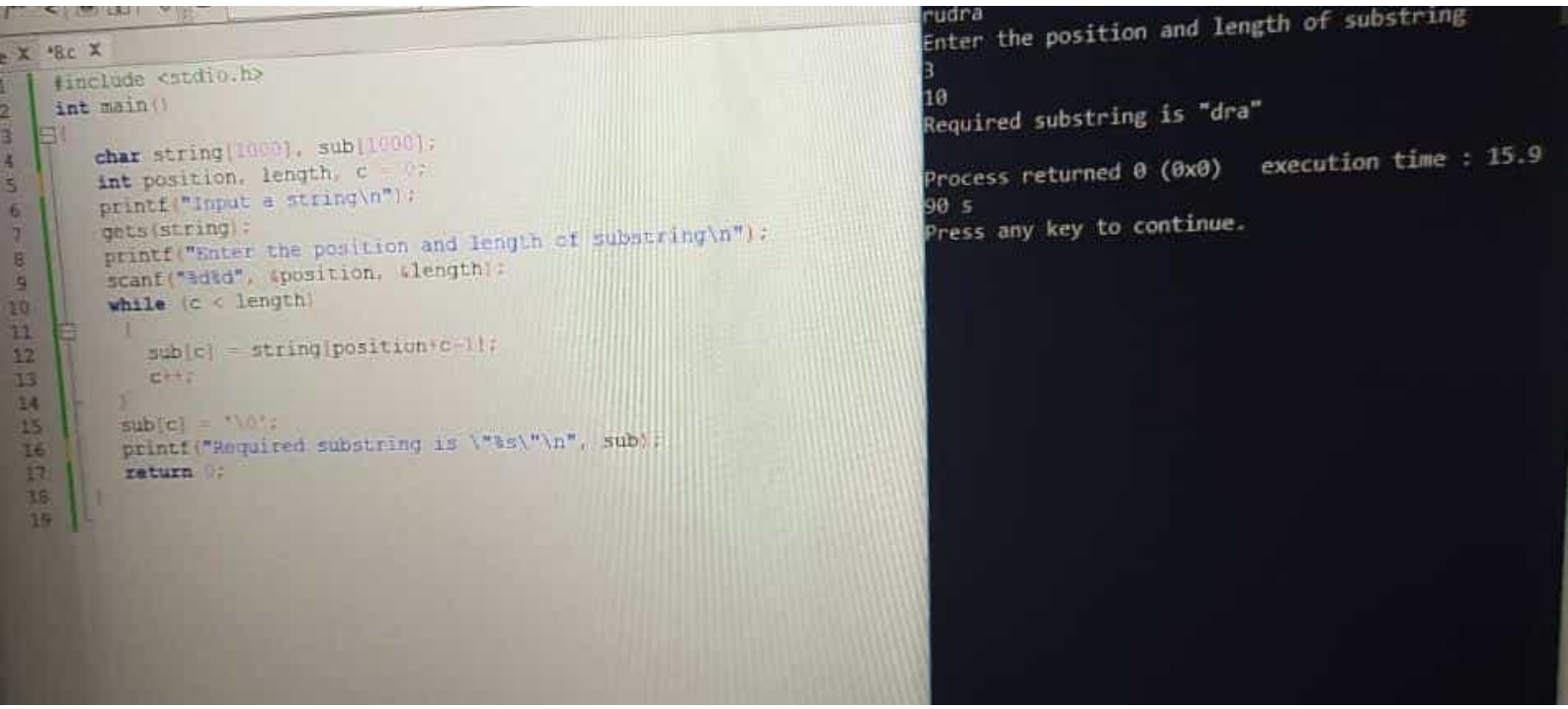
```c
#include<stdio.h>
#include<string.h>
int main()
{
char str1[80], str2[80];
int i;
printf("Input a string:");
scanf("%s", str2);
for(i=0; str2[i]!='\0'; i++)
str1[i]=str2[i];
str1[i]='\0';
printf("\n");
printf("copied string: %s", str1);
printf("\nNumber of copied characters = %d\n", i);
return 0;
}
```

```
Input a string:hi

copied string: hi
Number of copied characters = 2

Process returned 0 (0x0)   execution time : 4.054 s
Press any key to continue.
```



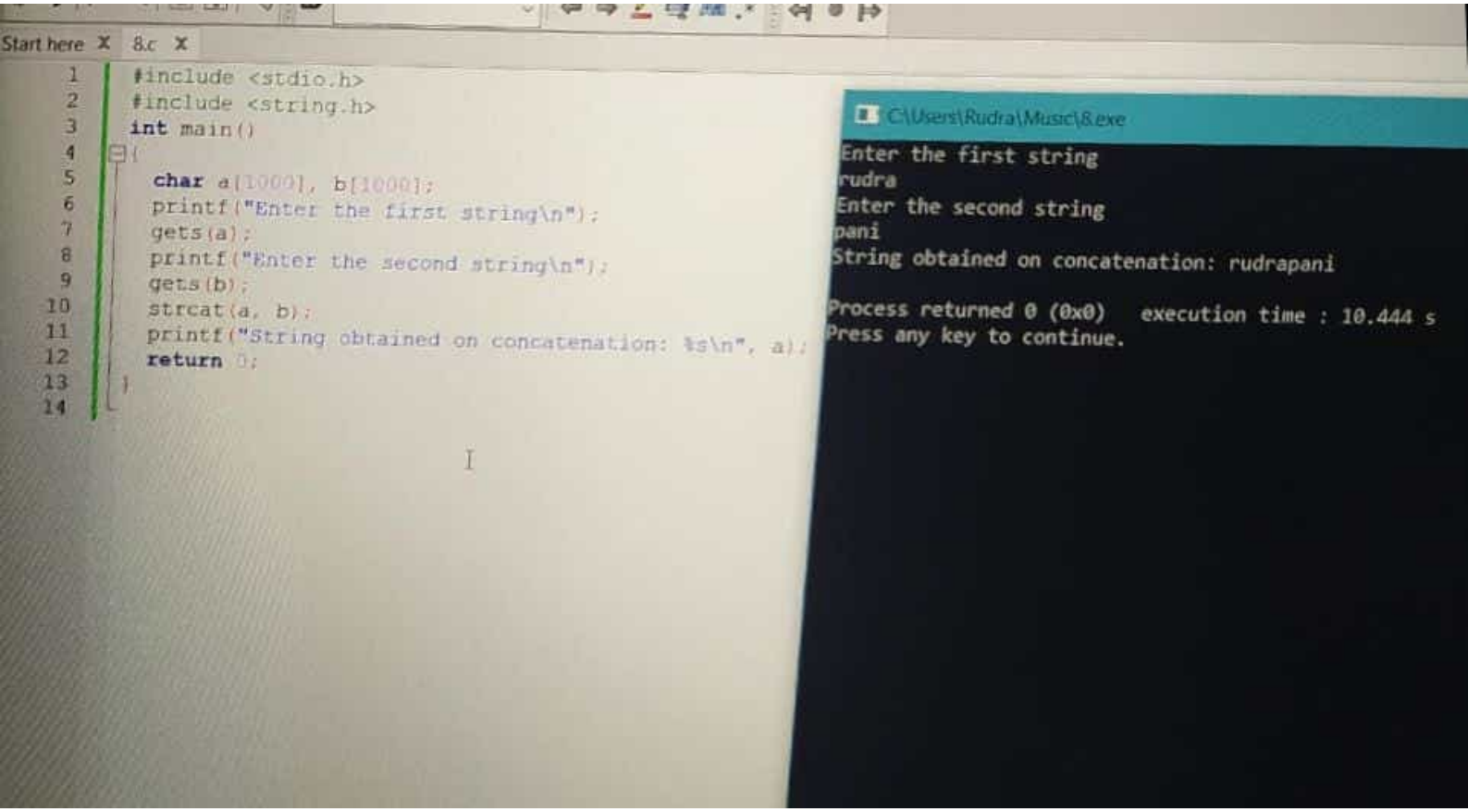
```
    length = strlen(string);
    for(i=0;i<length;i++)
    {
        if( (i==0) && (string[i]>='a' && string[i]<='z'))
        {
            string[i] = string[i] - 32;
        }
        else if(string[i]=='.')
        {
            if(string[i+1] == ' ')
            {
                if(string[i+2]>='a' && string[i+2]<='z')
                {
                    string[i+2] = string[i+2] - 32;
                }
            }
            else
            {
                if(string[i+1]>='a' && string[i+1]<='z')
                {
                    string[i+1] = string[i+1] - 32;
                }
            }
        }
    }
}
int main()
{
    char string[50]={0};
    int length=0,i=0,j=0,k=0;
    printf("\nEnter the string : ");
    gets(string);
    StrToSentence(string);
    printf("Final string is : %s",string);
    return 0;
}
```

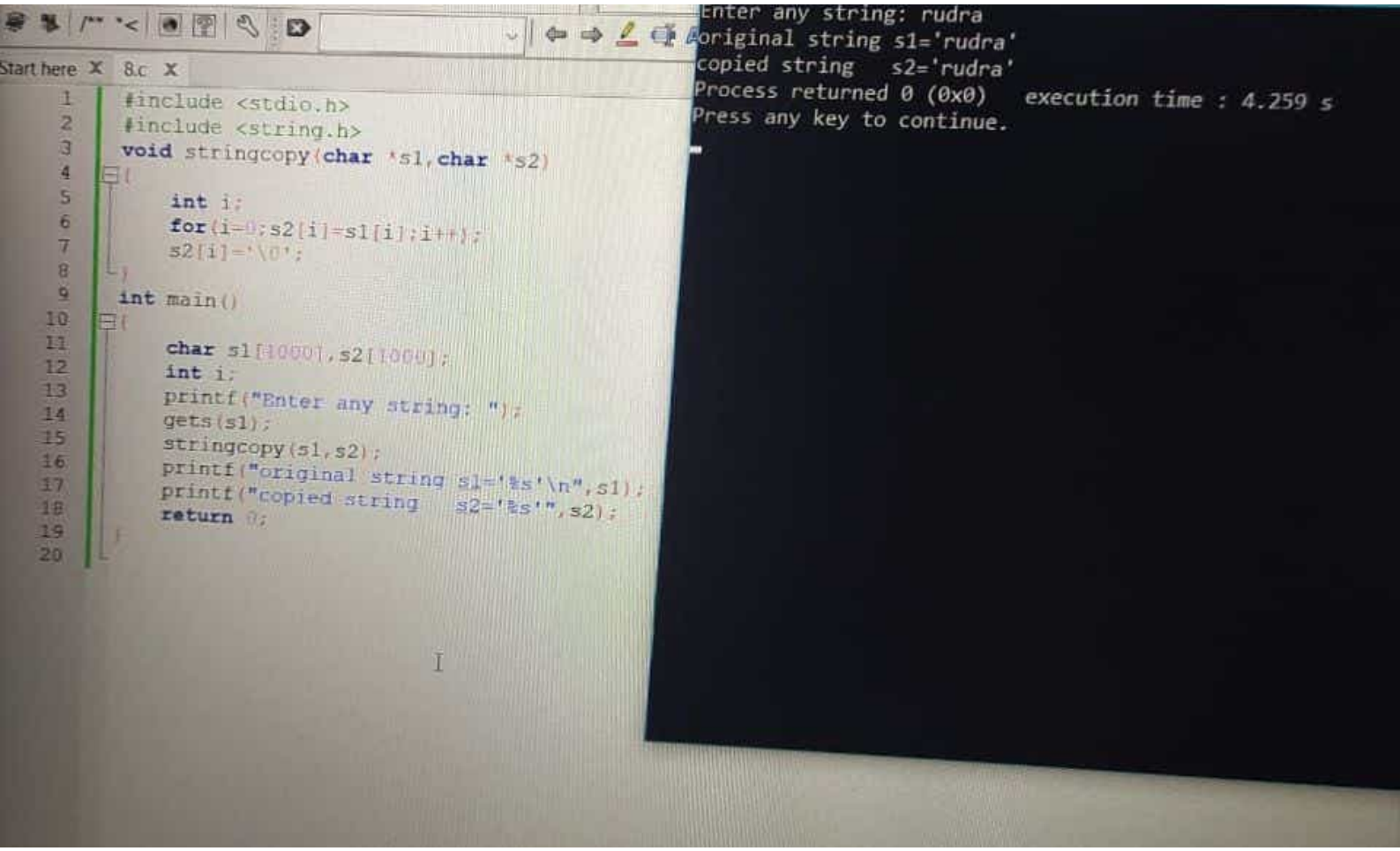
```
Enter the string : how are you
Final string is : How are you
Process returned 0 (0x0)   execution time : 31.
Press any key to continue.
```

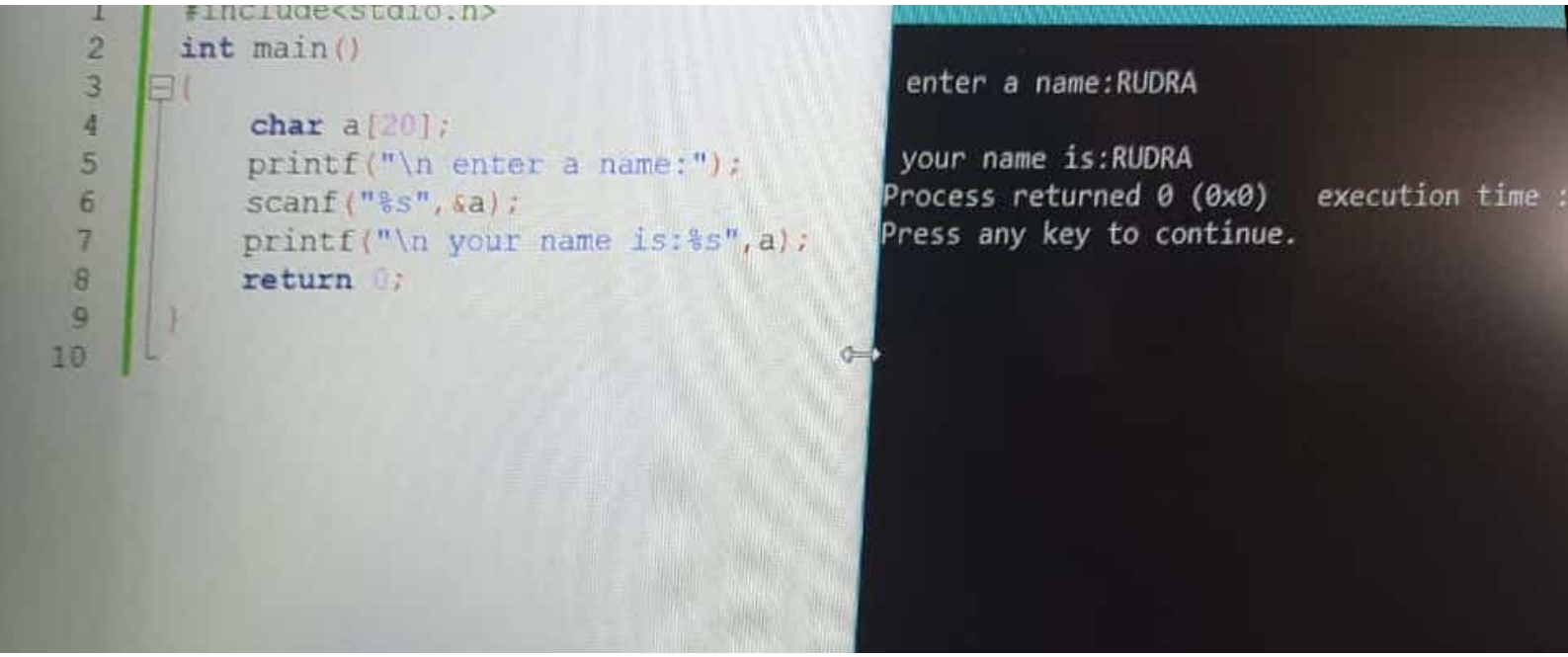


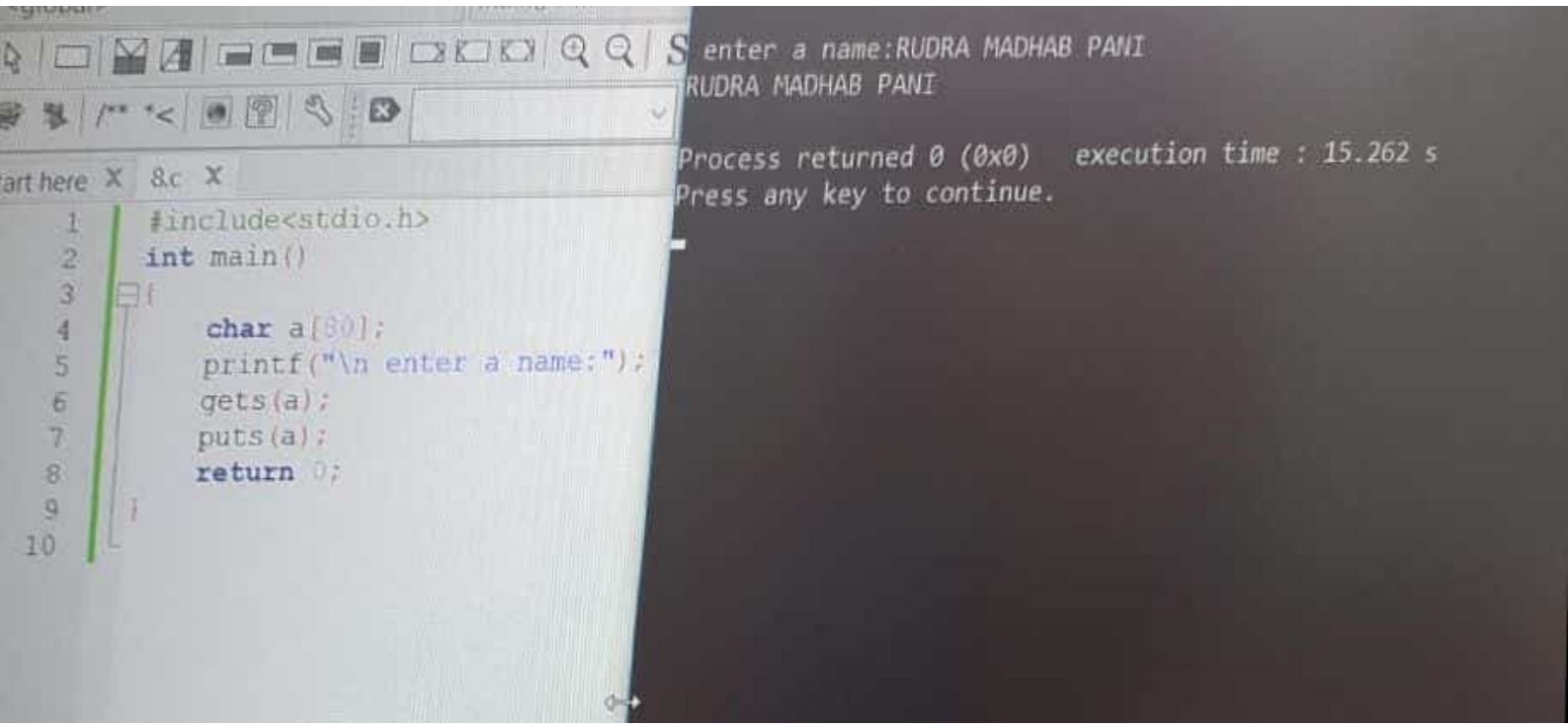
```c
#include <stdio.h>
int main()
{
    char string[1000], sub[1000];
    int position, length, c = 0;
    printf("Input a string\n");
    gets(string);
    printf("Enter the position and length of substring\n");
    scanf("%d%d", &position, &length);
    while (c < length)
    {
      sub[c] = string[position+c-1];
      c++;
    }
    sub[c] = '\0';
    printf("Required substring is \"%s\"\n", sub);
    return 0;
}
```

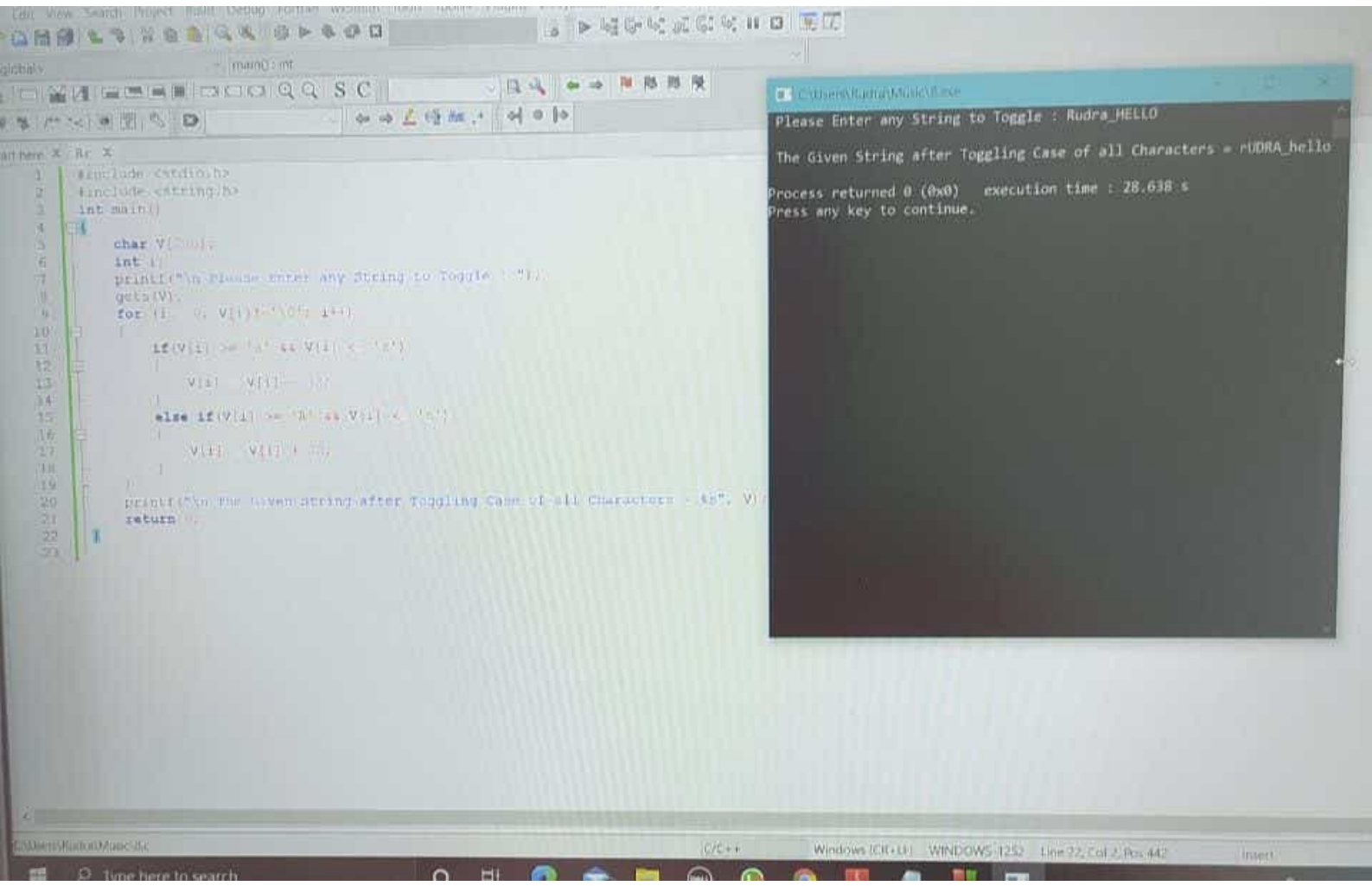
```
rudra
Enter the position and length of substring
3
10
Required substring is "dra"

Process returned 0 (0x0)   execution time : 15.9
90 s
Press any key to continue.
```

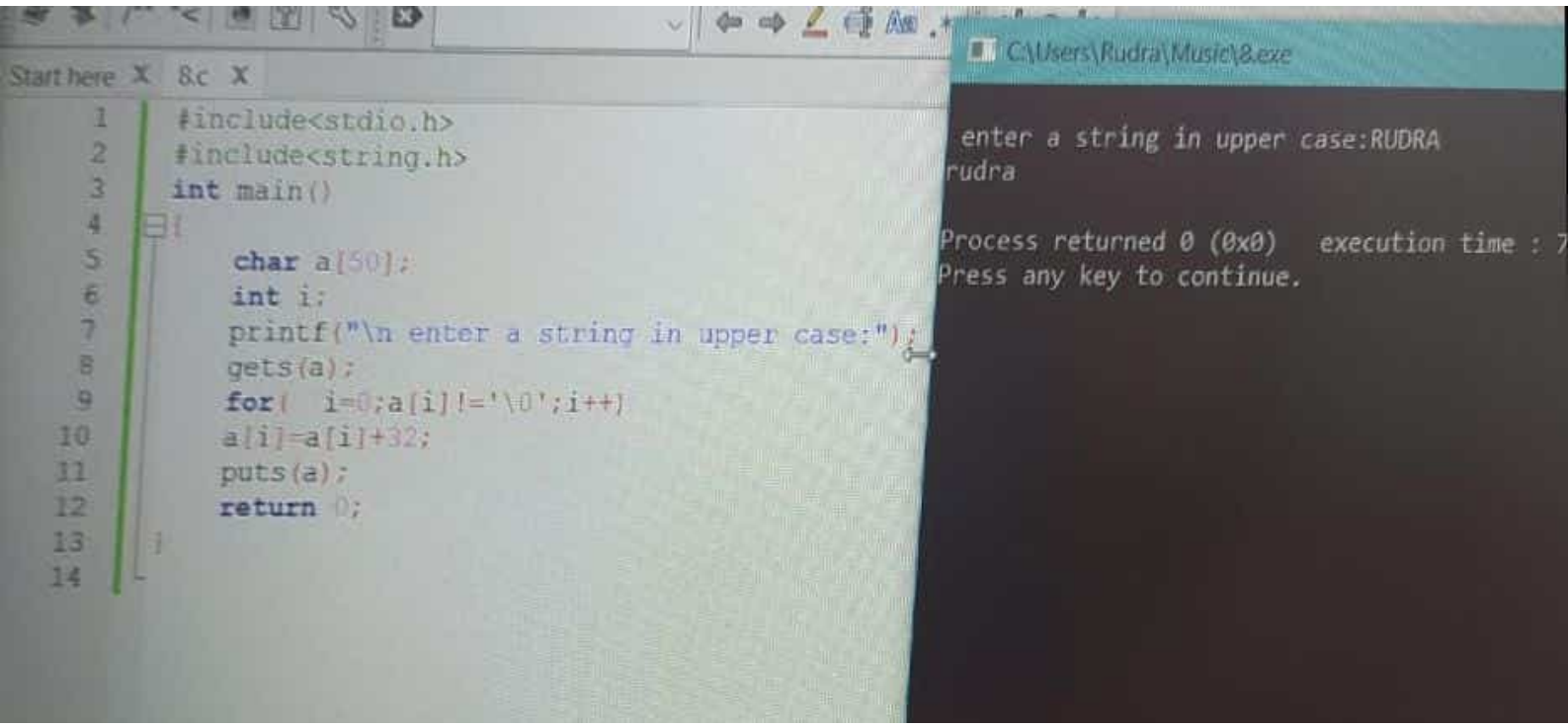

Start here
8.c
#include <stdio.h>
#include <string.h>
int main()
{
char a[1000], b[1000];
printf("Enter the first string\n");
gets(a);
printf("Enter the second string\n");
gets(b);
strcat(a, b);
printf("String obtained on concatenation: %s\n", a);
return 0;
}
C:\Users\Rudra\Music\8.exe
Enter the first string
rudra
Enter the second string
pani
String obtained on concatenation: rudrapani
Process returned 0 (0x0) execution time : 10.444 s
Press any key to continue.

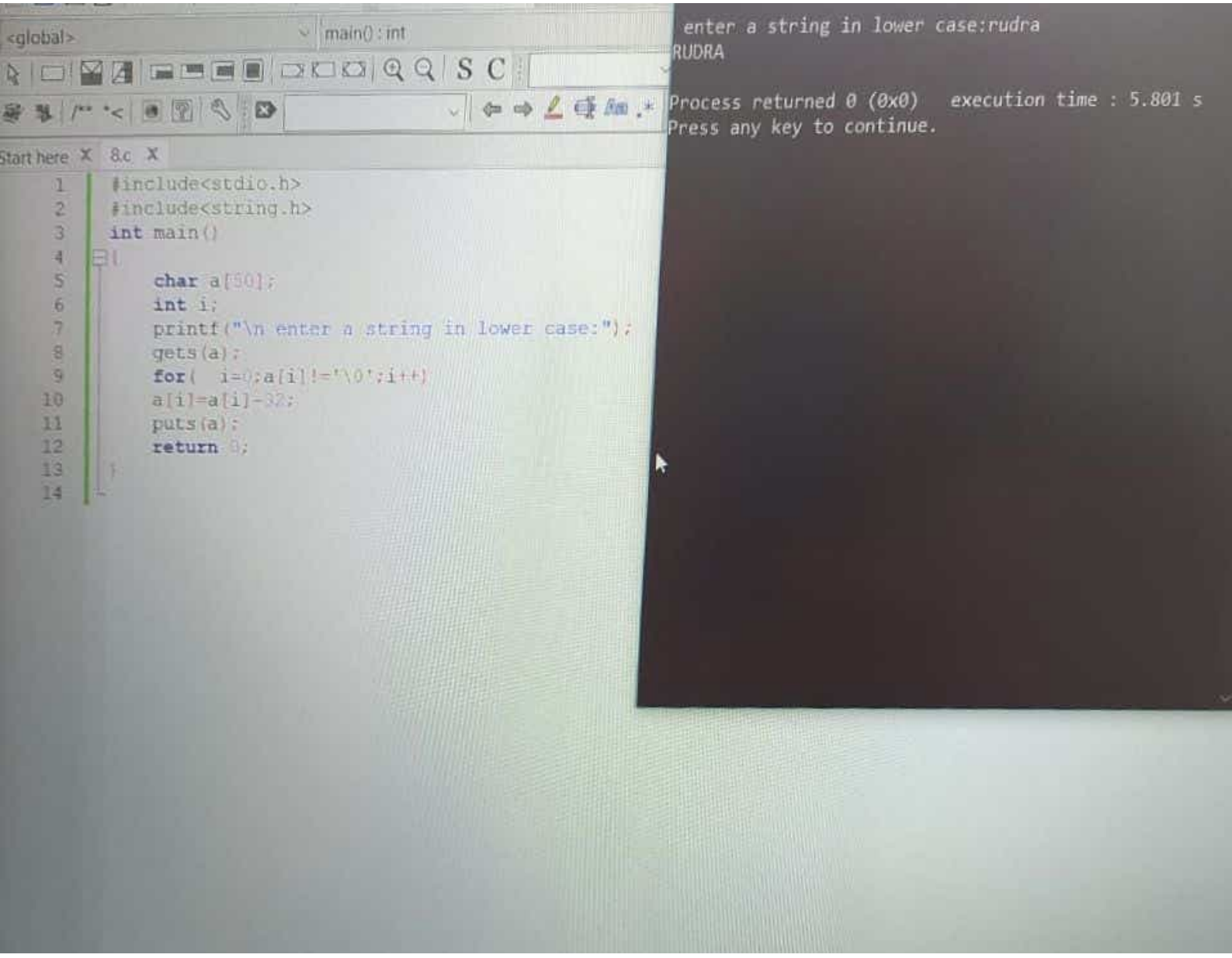

Start here
8.c
#include <stdio.h>
#include <string.h>
void stringcopy(char *s1,char *s2)
{
int i;
for(i=0;s2[i]=s1[i];i++);
s2[i]='\0';
}
int main()
{
char s1[1000],s2[1000];
int i;
printf("Enter any string: ");
gets(s1);
stringcopy(s1,s2);
printf("original string s1='%s'\n",s1);
printf("copied string s2='%s'",s2);
return 0;
}
Enter any string: rudra
original string s1='rudra'
copied string s2='rudra'
Process returned 0 (0x0) execution time : 4.259 s
Press any key to continue.

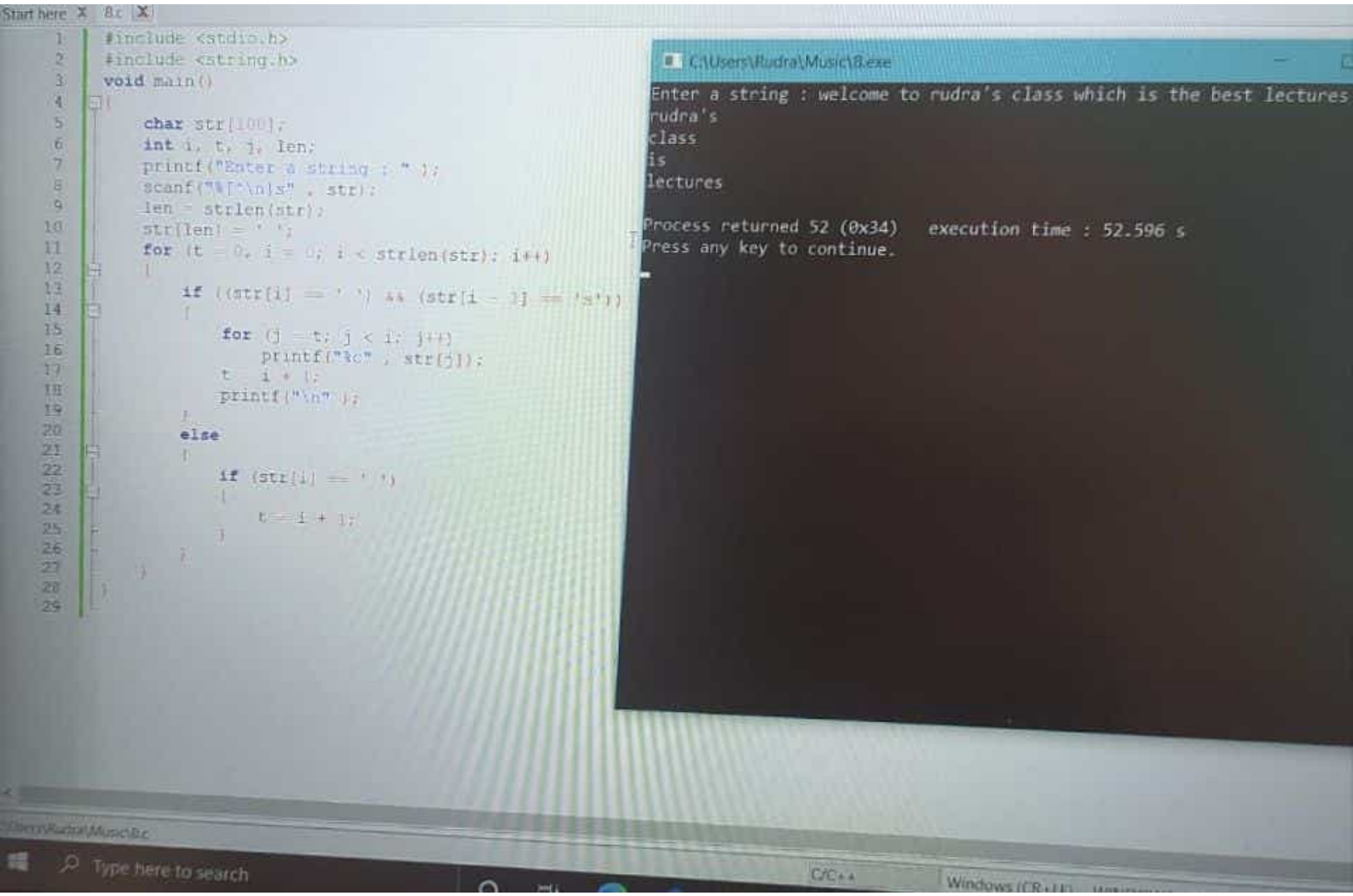

#include<stdio.h>
int main()
{
char a[20];
printf("\n enter a name:");
scanf("%s",&a);
printf("\n your name is:%s",a);
return 0;
}
enter a name:RUDRA
your name is:RUDRA
Process returned 0 (0x0) execution time :
Press any key to continue.

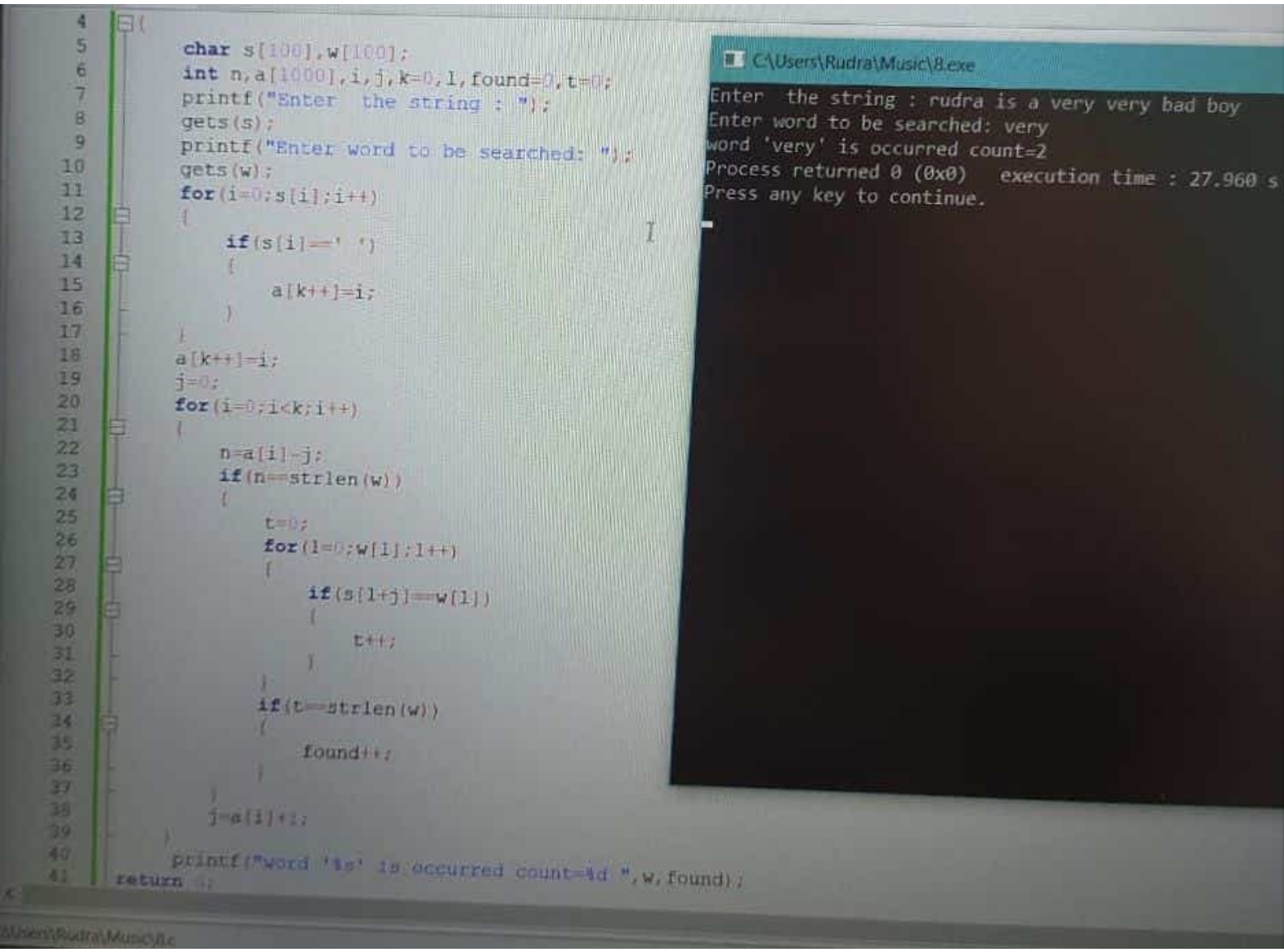

art here
&c
#include<stdio.h>
int main()
{
char a[80];
printf("\n enter a name:");
gets(a);
puts(a);
return 0;
}
enter a name:RUDRA MADHAB PANI
RUDRA MADHAB PANI
Process returned 0 (0x0) execution time : 15.262 s
Press any key to continue.


Please Enter any String to Toggle : Rudra_HELLO
The Given String after Toggling Case of all Characters = rUDRA_hello
Process returned 0 (0x0)   execution time : 28.638 s
Press any key to continue.


Start here
8.c
#include<stdio.h>
#include<string.h>
int main()
{
char a[50];
int i;
printf("\n enter a string in upper case:");
gets(a);
for(i=0;a[i]!='\0';i++)
a[i]=a[i]+32;
puts(a);
return 0;
}
C:\Users\Rudra\Music\8.exe
enter a string in upper case:RUDRA
rudra
Process returned 0 (0x0) execution time :
Press any key to continue.

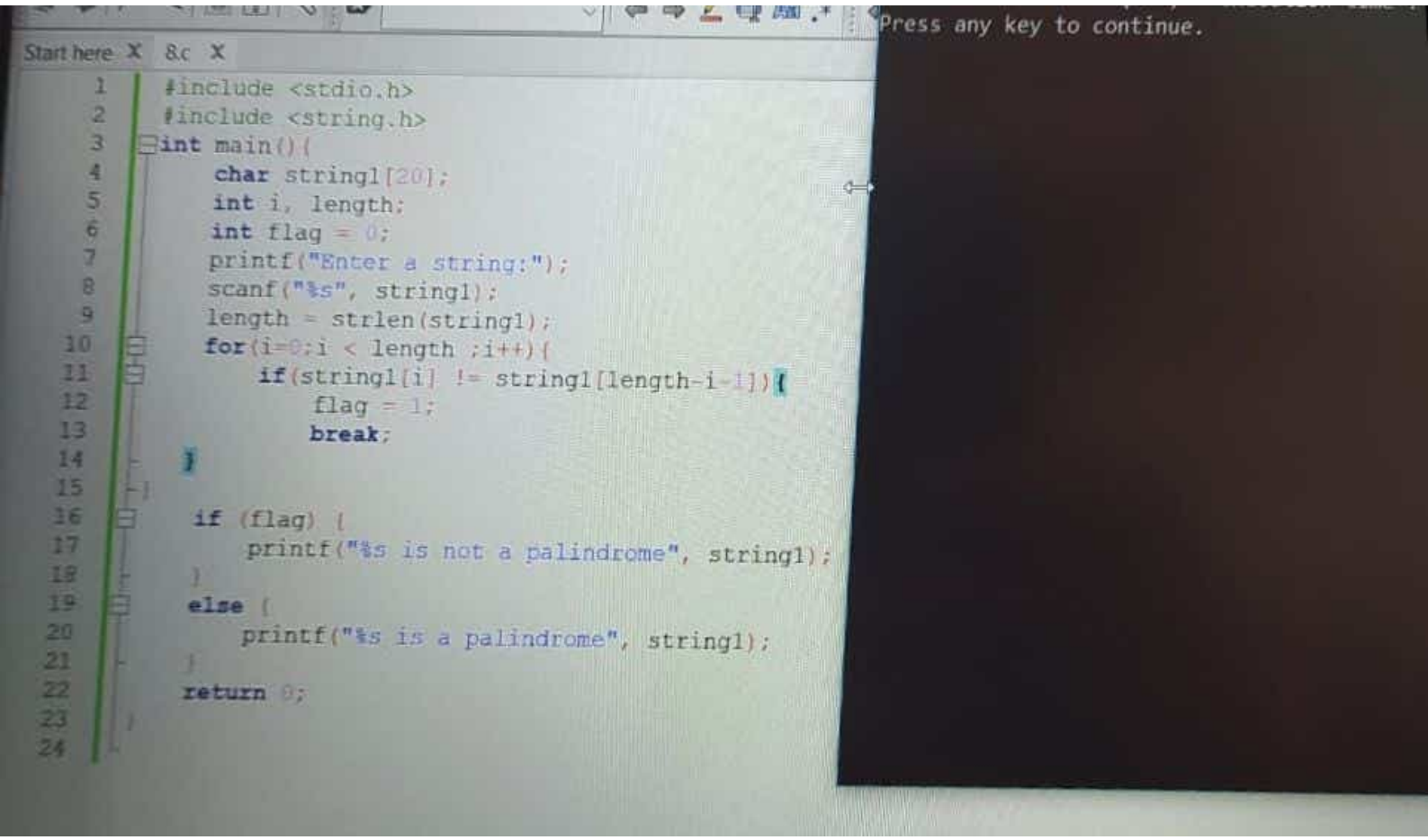

<global>
main() : int
Start here
&c
#include<stdio.h>
#include<string.h>
int main()
{
char a[50];
int i;
printf("\n enter a string in lower case:");
gets(a);
for(i=0;a[i]!='\0';i++)
a[i]=a[i]-32;
puts(a);
return 0;
}
enter a string in lower case:rudra
RUDRA
Process returned 0 (0x0) execution time : 5.801 s
Press any key to continue.

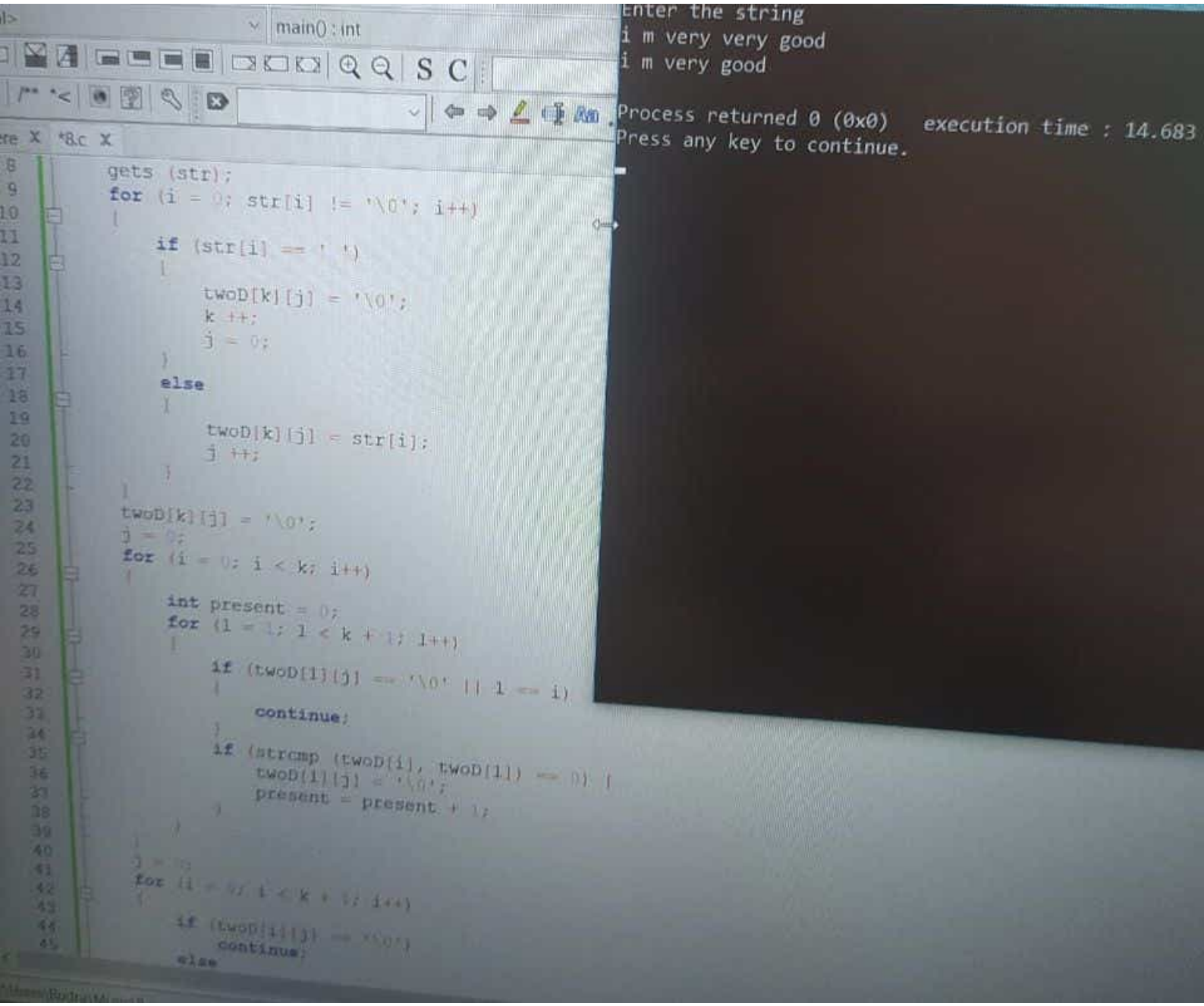

Start here
8.c
#include <stdio.h>
#include <string.h>
void main()
{
char str[100];
int i, t, j, len;
printf("Enter a string : ");
scanf("%[^\n]s" , str);
len = strlen(str);
str[len] = ' ';
for (t = 0, i = 0; i < strlen(str); i++)
{
if ((str[i] == ' ') && (str[i - 1] == 's'))
{
for (j = t; j < i; j++)
printf("%c" , str[j]);
t = i + 1;
printf("\n");
}
else
{
if (str[i] == ' ')
{
t = i + 1;
}
}
}
}
C:\Users\Rudra\Music\8.exe
Enter a string : welcome to rudra's class which is the best lectures
rudra's
class
is
lectures
Process returned 52 (0x34) execution time : 52.596 s
Press any key to continue.
Type here to search
C/C++



```
{
    char s[100],w[100];
    int n,a[1000],i,j,k=0,l,found=0,t=0;
    printf("Enter  the string : ");
    gets(s);
    printf("Enter word to be searched: ");
    gets(w);
    for(i=0;s[i];i++)
    {
        if(s[i]==' ')
        {
            a[k++]=i;
        }
    }
    a[k++]=i;
    j=0;
    for(i=0;i<k;i++)
    {
        n=a[i]-j;
        if(n==strlen(w))
        {
            t=0;
            for(l=0;w[l];l++)
            {
                if(s[l+j]==w[l])
                {
                    t++;
                }
            }
            if(t==strlen(w))
            {
                found++;
            }
        }
        j=a[i]+1;
    }
    printf("word '%s' is occurred count=%d ",w,found);
return 0;
```

```
C:\Users\Rudra\Music\8.exe
Enter  the string : rudra is a very very bad boy
Enter word to be searched: very
word 'very' is occurred count=2
Process returned 0 (0x0)   execution time : 27.960 s
Press any key to continue.
```


Start here
&c
#include <stdio.h>
#include <string.h>
int main(){
char string1[20];
int i, length;
int flag = 0;
printf("Enter a string:");
scanf("%s", string1);
length = strlen(string1);
for(i=0;i < length ;i++){
if(string1[i] != string1[length-i-1]){
flag = 1;
break;
}
if (flag) {
printf("%s is not a palindrome", string1);
}
else {
printf("%s is a palindrome", string1);
}
return 0;
}
Press any key to continue.


main() : int
gets (str);
for (i = 0; str[i] != '\0'; i++)
if (str[i] == ' ')
twoD[k][j] = '\0';
k ++;
j = 0;
else
twoD[k][j] = str[i];
j ++;
twoD[k][j] = '\0';
for (i = 0; i < k; i++)
int present = 0;
for (l = i; l < k + 1; l++)
if (twoD[l][j] == '\0' || l == i)
continue;
if (strcmp (twoD[i], twoD[l]) == 0)
twoD[l][j] = '\0';
present = present + 1;
for (i = 0; i < k + 1; i++)
if (twoD[i][j] == '\0')
continue;
Enter the string
i m very very good
i m very good
Process returned 0 (0x0) execution time : 14.683
Press any key to continue.