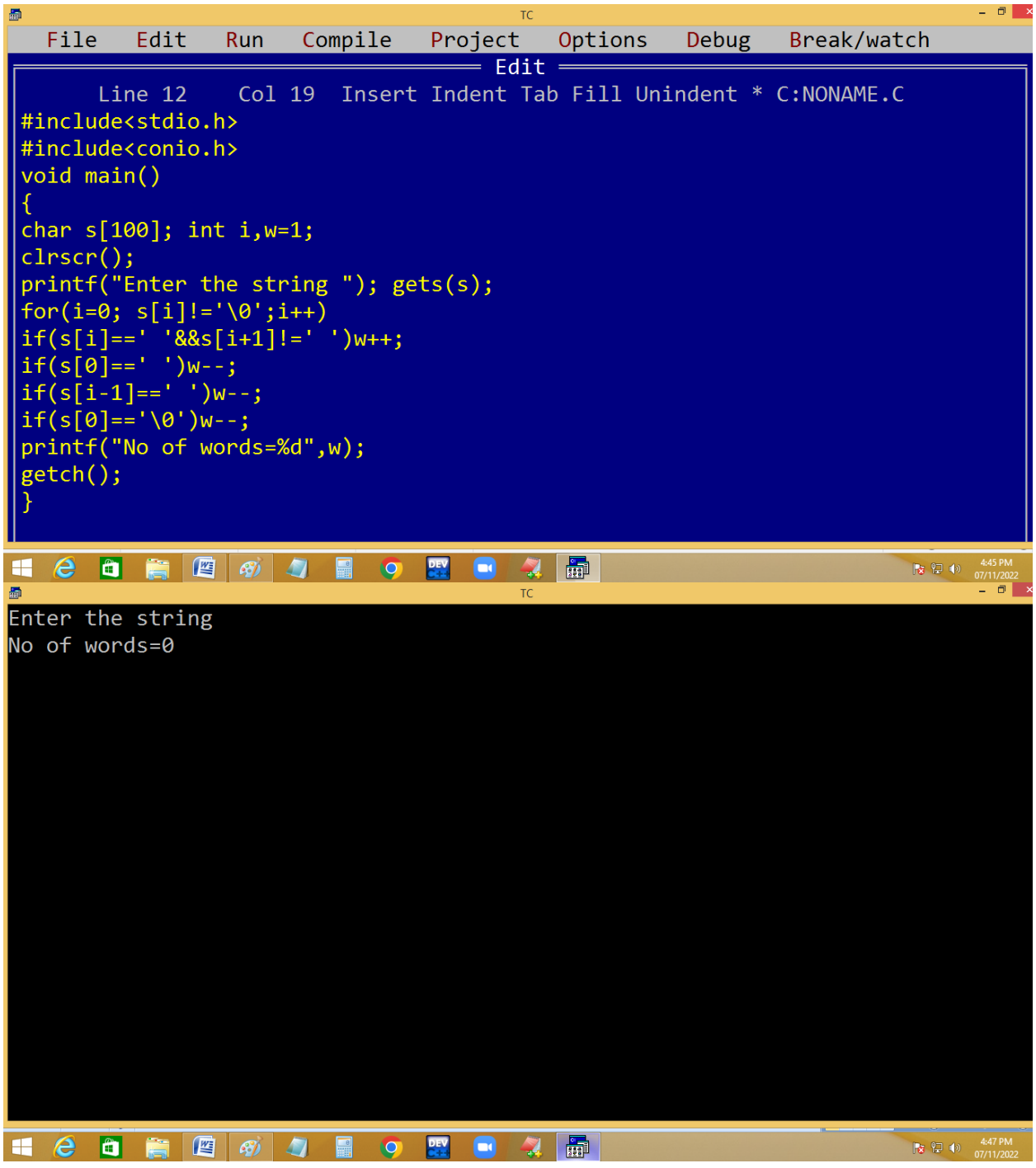
Finding no of words in given string.


TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Line 12 Col 19 Insert Indent Tab Fill Unindent * C:NONAME.C
#include<stdio.h>
#include<conio.h>
void main()
{
char s[100]; int i,w=1;
clrscr();
printf("Enter the string "); gets(s);
for(i=0; s[i]!='\0';i++)
if(s[i]==' '&&s[i+1]!=' ')w++;
if(s[0]==' ')w--;
if(s[i-1]==' ')w--;
if(s[0]=='\0')w--;
printf("No of words=%d",w);
getch();
}
4:45 PM
07/11/2022
TC
Enter the string
No of words=0
4:47 PM
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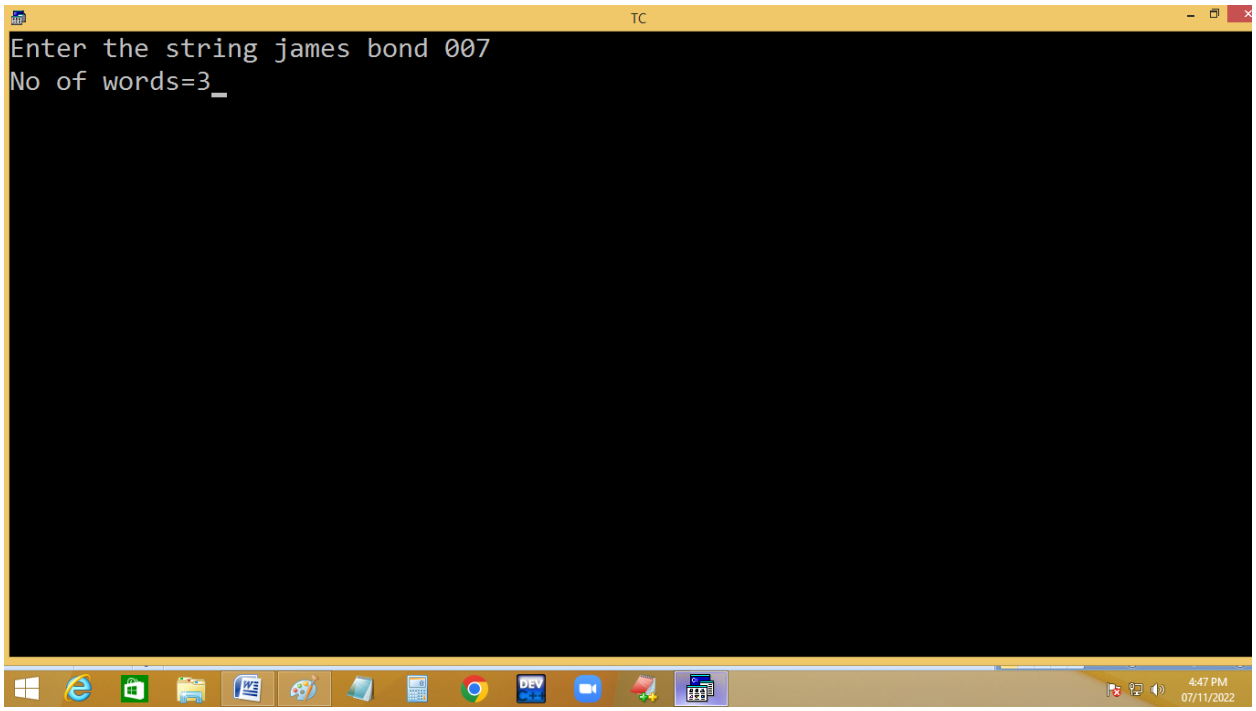
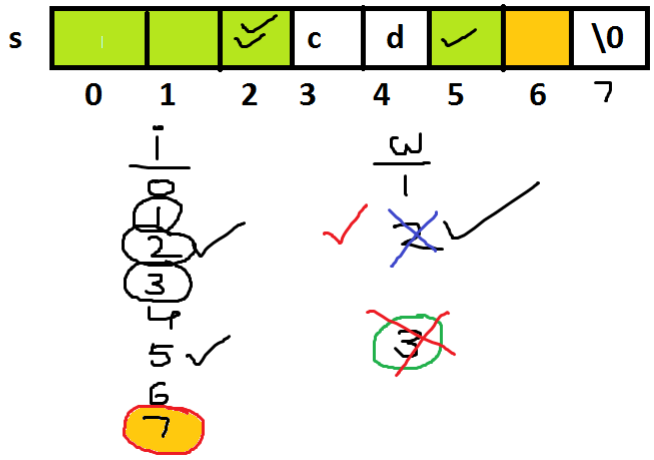



```
for(i=0; s[i]!='\0';i++)
if(s[i]==' ' && s[i+1]!=' ' )w++;

if(s[i-1])==' ')w--;
p(w);
```



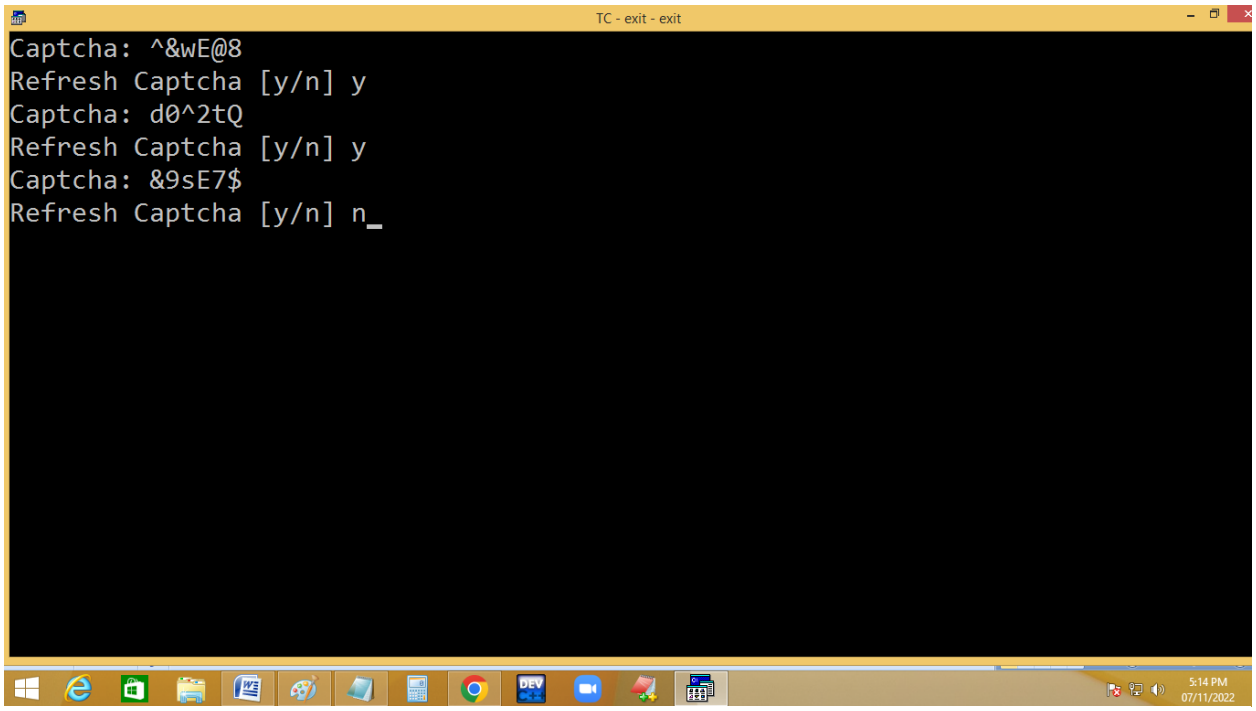
Captcha code generation:

```
#include<stdio.h>

#include<conio.h>

#include<stdlib.h>
```

```
void main()
{
char s[10],sp[]="@#$^&*", ch; int i,n;
clrscr();
while(1)
{
randomize();
for(i=0;i<6;i++)
{
n=random(4);
if(n==0)s[i]=random(26)+65;
else if(n==1)s[i]=random(26)+97;
else if(n==2)s[i]=random(10)+48;
else s[i]=sp[random(6)];
}
s[i]='\0';
printf("Captcha: %s\n",s);
flushall();printf("Refresh Captcha [y/n] ");scanf("%c",&ch);
if(ch=='n'||ch=='N')break;
}
}
```

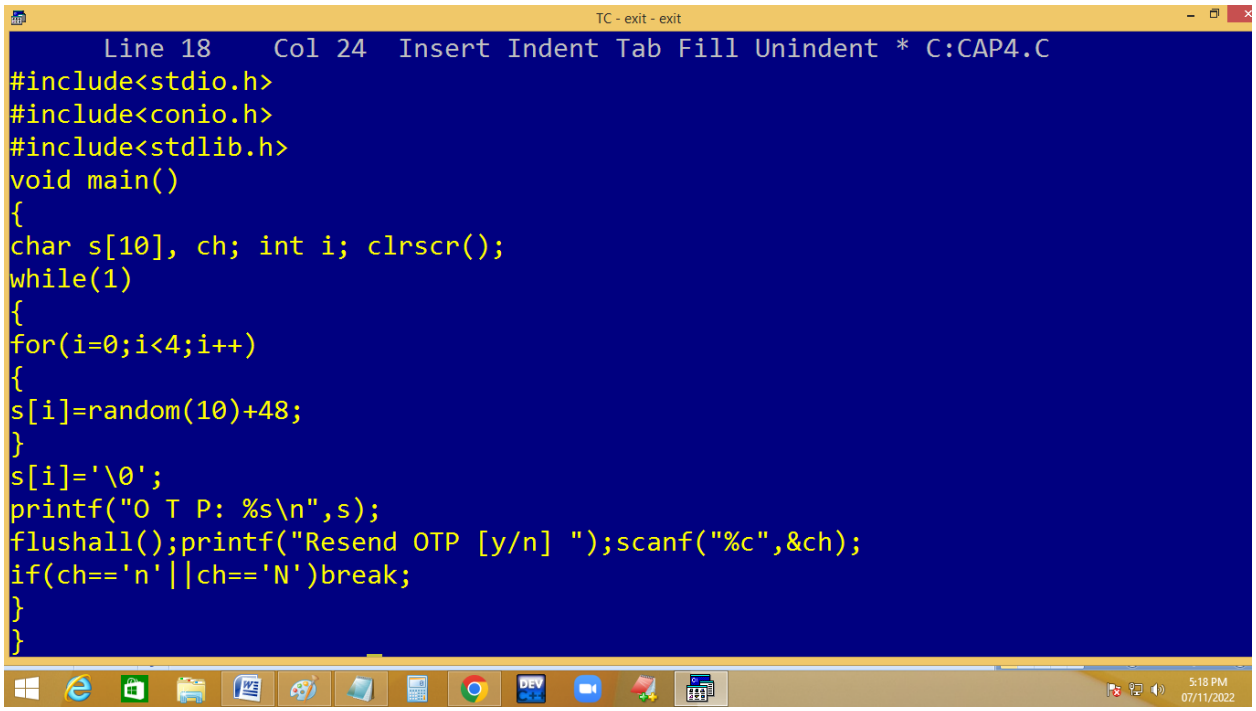


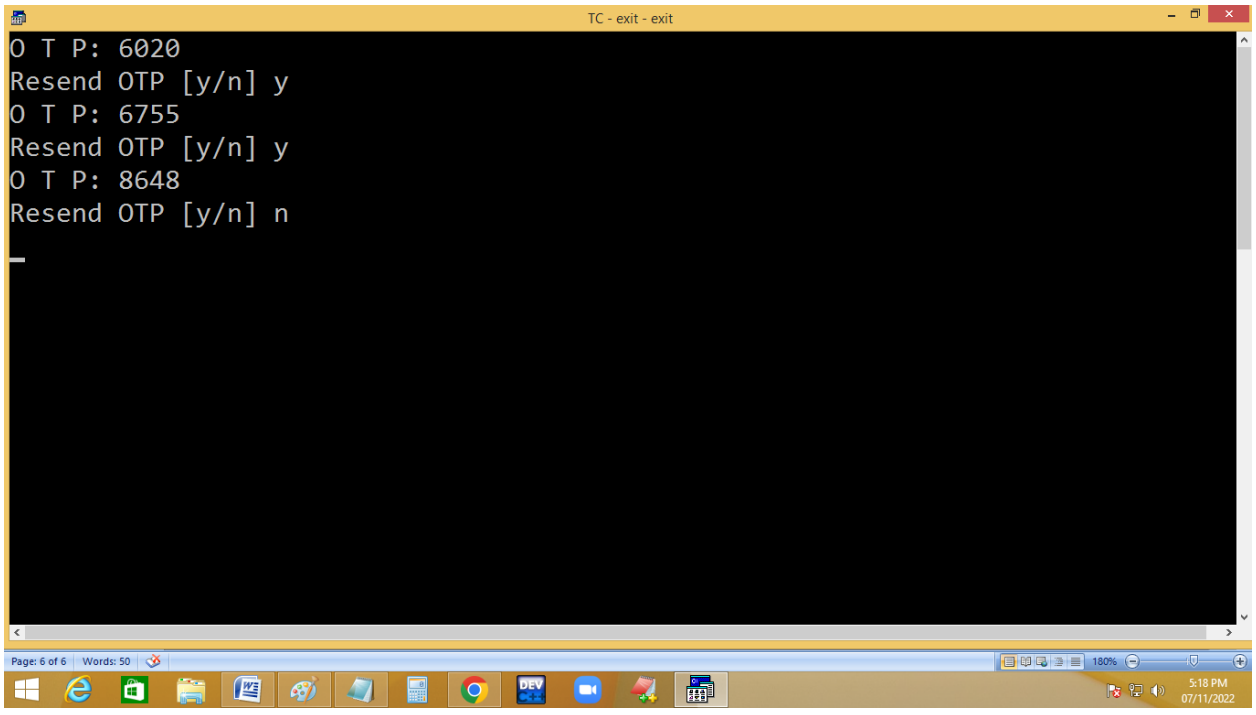

```
while(1)
{
for(i=0;i<4;i++)
{
n=random(4);
if(n==0)s[i]=random(26)+65;
else if(n==1)s[i]=random(26)+97;
else if(n==2)s[i]=random(10)+48;
else s[i]=sp[random(6)];
p("Captcha=%s",s);
flushall(); p("Refresh[y/n] ");s("%c",&ch);
if(ch=='n'||ch=='N')break;
}
```

s	C	a	5	$	\0
	0	1	2	3	4

upper
lower
digits
special - @#$^&*

O T P Generation:

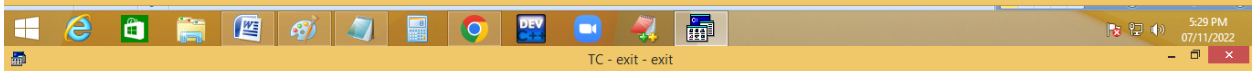




OTP Validation:

TC - exit - exit

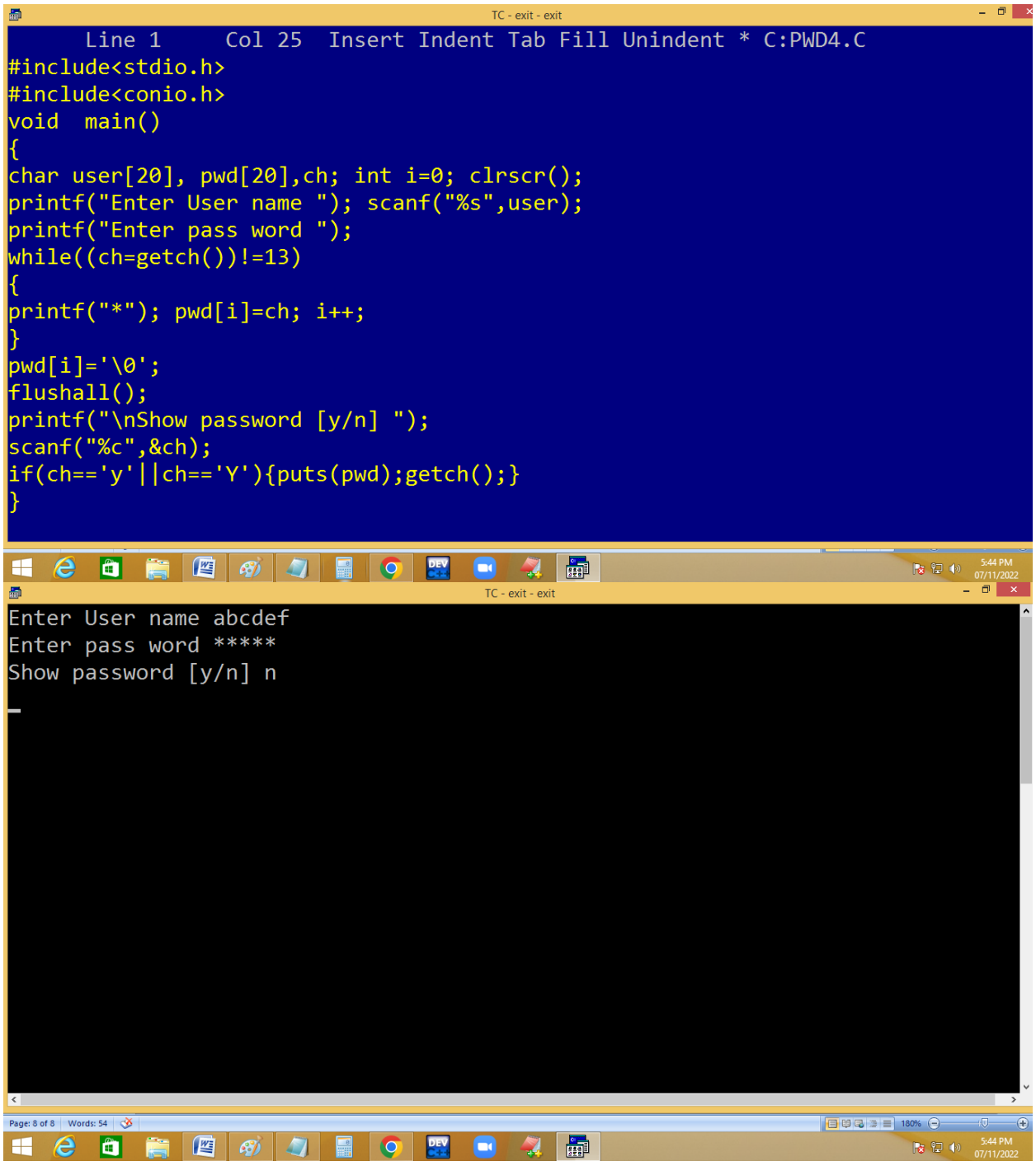
```
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
void main()
{
char s[10], ch; int i, otp; clrscr();
while(1)
{
randomize();
for(i=0;i<4;i++)
{ s[i]=random(10)+48; } s[i]='\0';
printf("O T P: %s\n",s);
flushall();printf("Resend OTP [y/n] ");scanf("%c",&ch);
if(ch=='n'||ch=='N')
{
printf("Enter OTP "); scanf("%d",&otp);
if(otp==atoi(s)){puts("Ur transaction successfully completed");getch(); break;}
else puts("Invalid OTP");
}
```

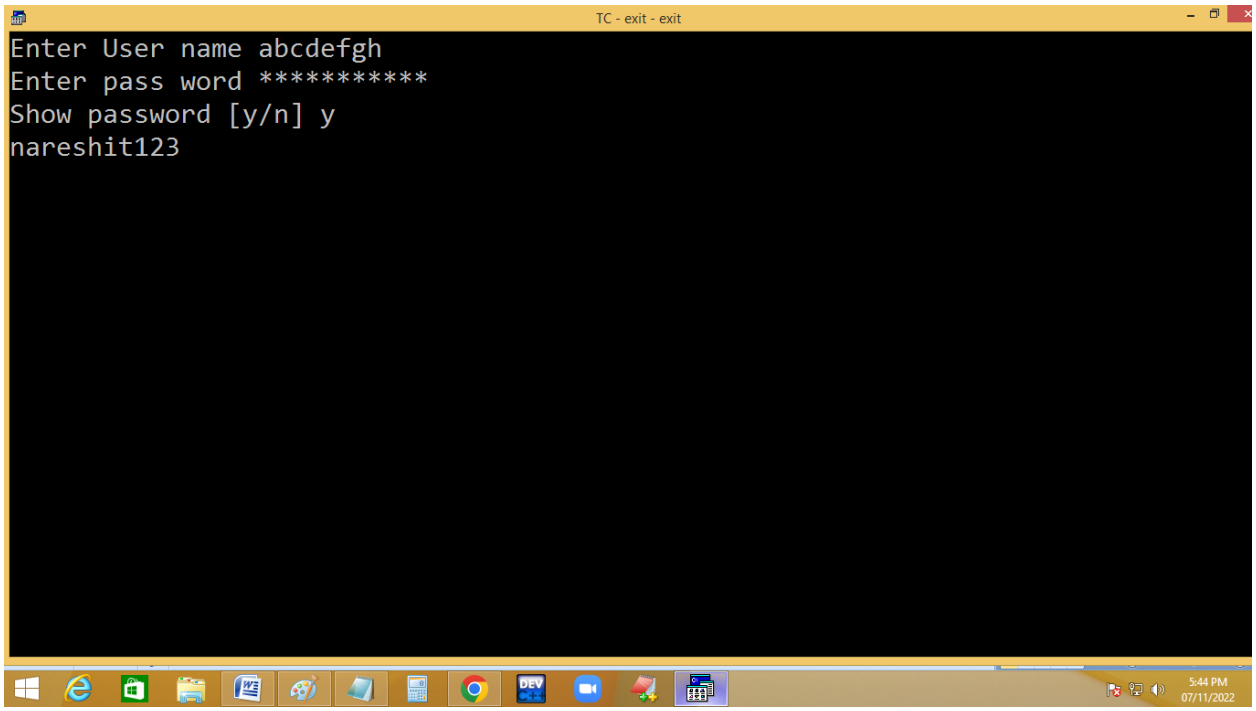


TC - exit - exit

```
O T P: 3330
Resend OTP [y/n] y
O T P: 0268
Resend OTP [y/n] y
O T P: 3124
Resend OTP [y/n] n
Enter OTP 1234
Invalid OTP
O T P: 4232
Resend OTP [y/n] n
Enter OTP 4232
Ur transaction successfully completed
```

Password generation:


TC - exit - exit
Line 1 Col 25 Insert Indent Tab Fill Unindent * C:PWD4.C
#include<stdio.h>
#include<conio.h>
void main()
{
char user[20], pwd[20],ch; int i=0; clrscr();
printf("Enter User name "); scanf("%s",user);
printf("Enter pass word ");
while((ch=getch())!=13)
{
printf("*"); pwd[i]=ch; i++;
}
pwd[i]='\0';
flushall();
printf("\nShow password [y/n] ");
scanf("%c",&ch);
if(ch=='y'||ch=='Y'){puts(pwd);getch();}
}
5:44 PM
07/11/2022
TC - exit - exit
Enter User name abcdef
Enter pass word *****
Show password [y/n] n
Page: 8 of 8
Words: 54
180%
5:44 PM
07/11/2022


TC - exit - exit
Enter User name abcdefgh
Enter pass word **********
Show password [y/n] y
nareshit123
5:44 PM
07/11/2022