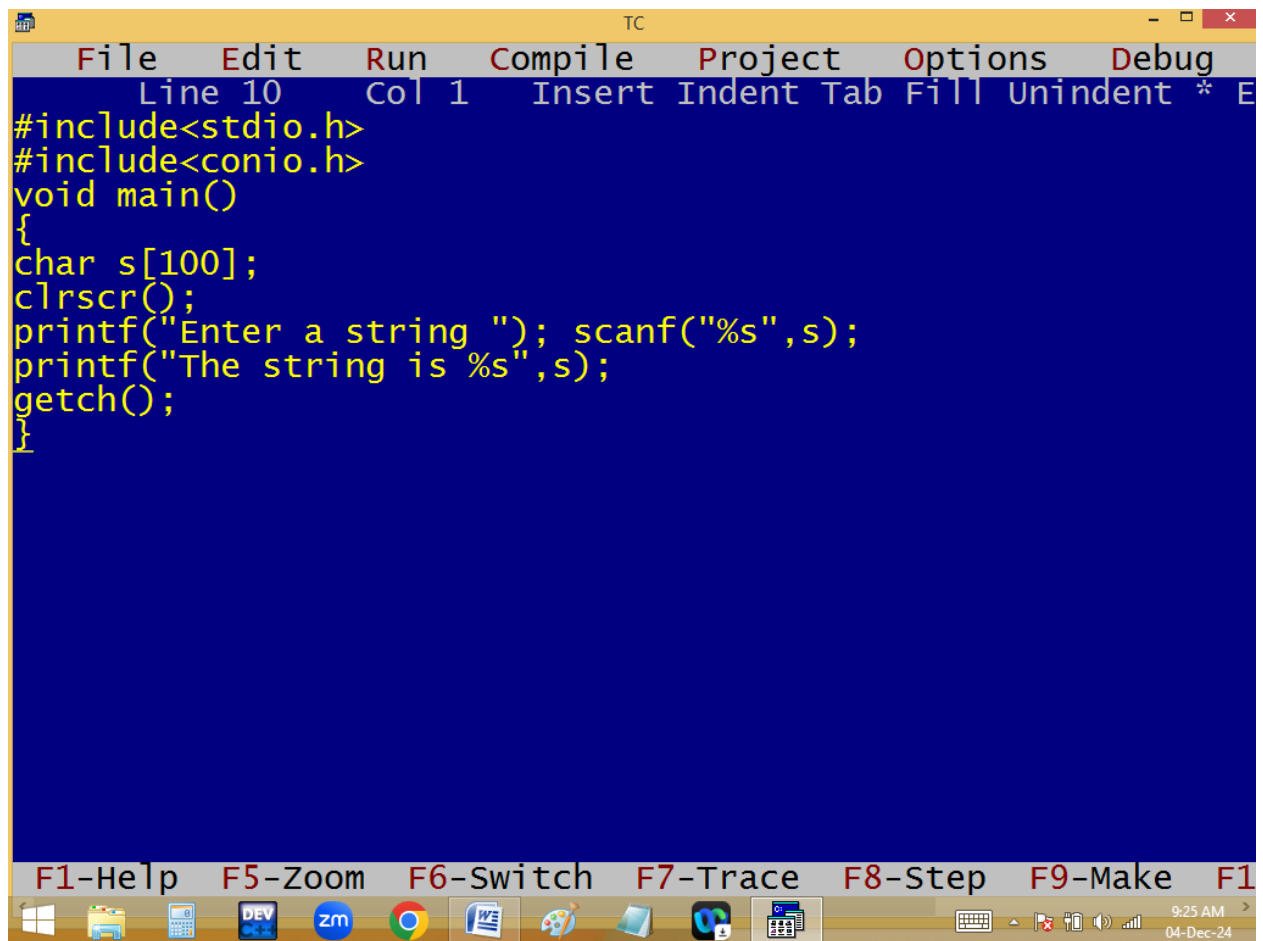


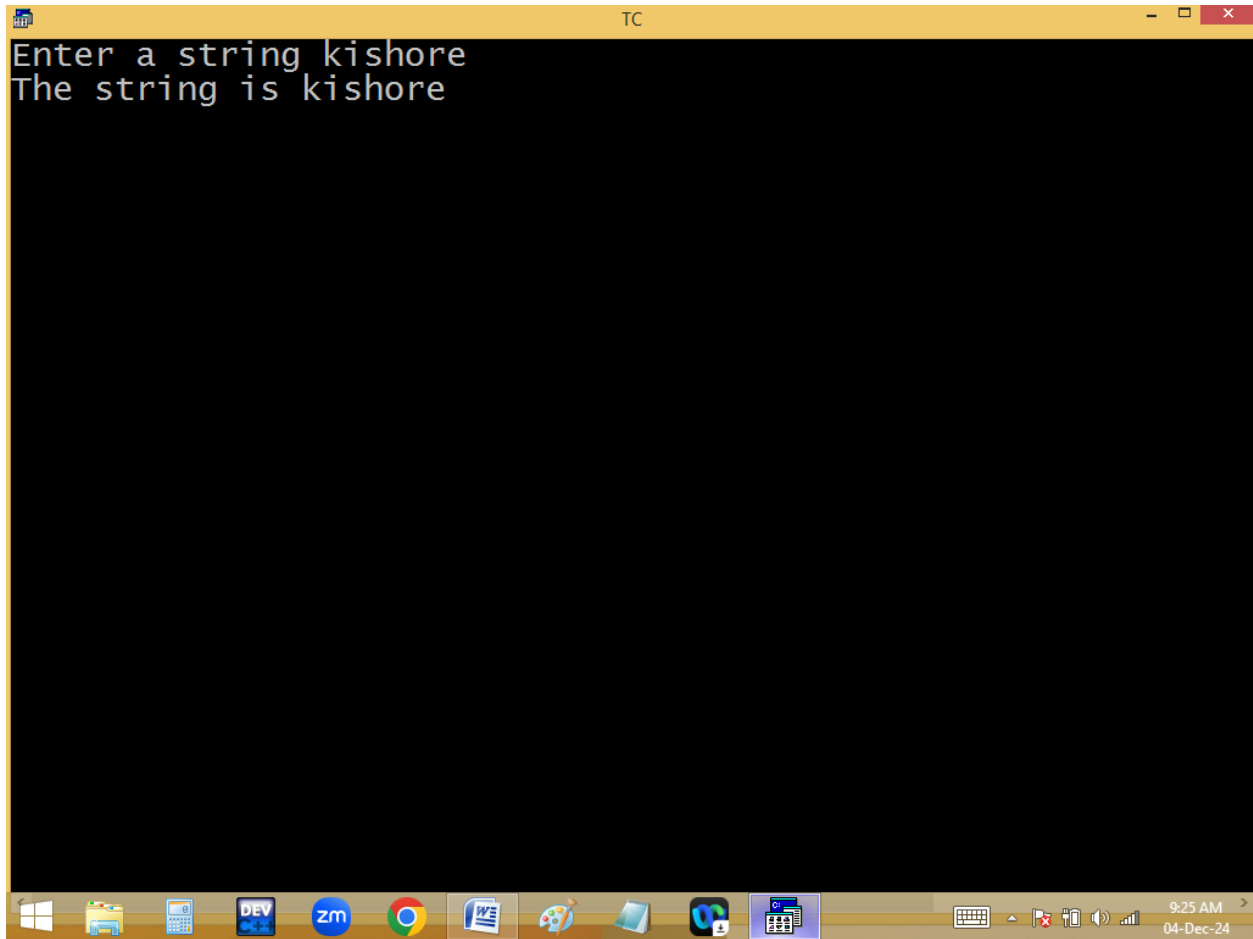
**Reading and printing a string:**

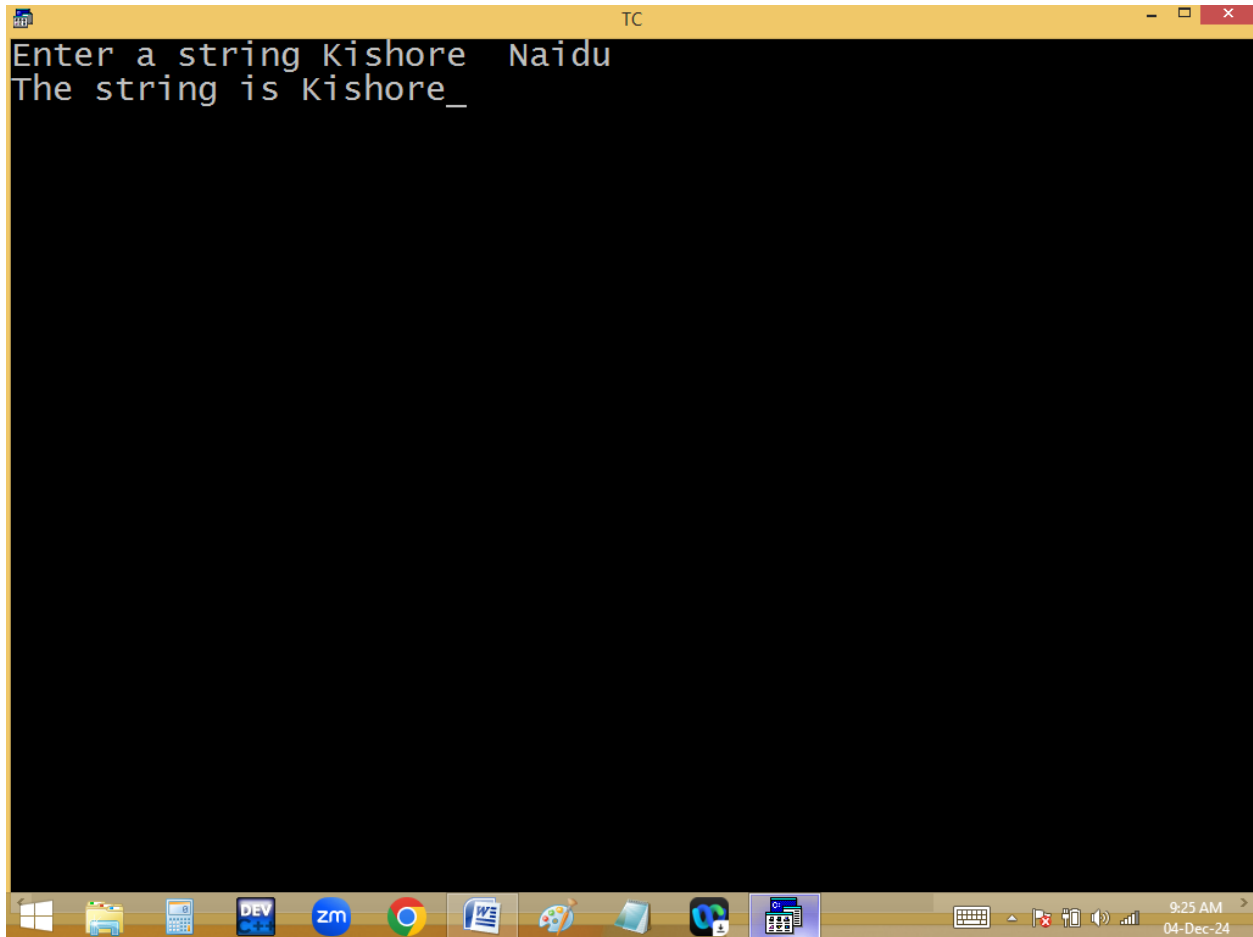


The image shows a screenshot of a Turbo C++ (TC) IDE window. The title bar at the top reads "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, a status line indicates "Line 10 Col 1" and lists keyboard shortcuts: "Insert", "Indent", "Tab", "Fill", "Unindent", and "\* E". The main editing area has a dark blue background with yellow text. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
char s[100];
clrscr();
printf("Enter a string "); scanf("%s",s);
printf("The string is %s",s);
getch();
}
```

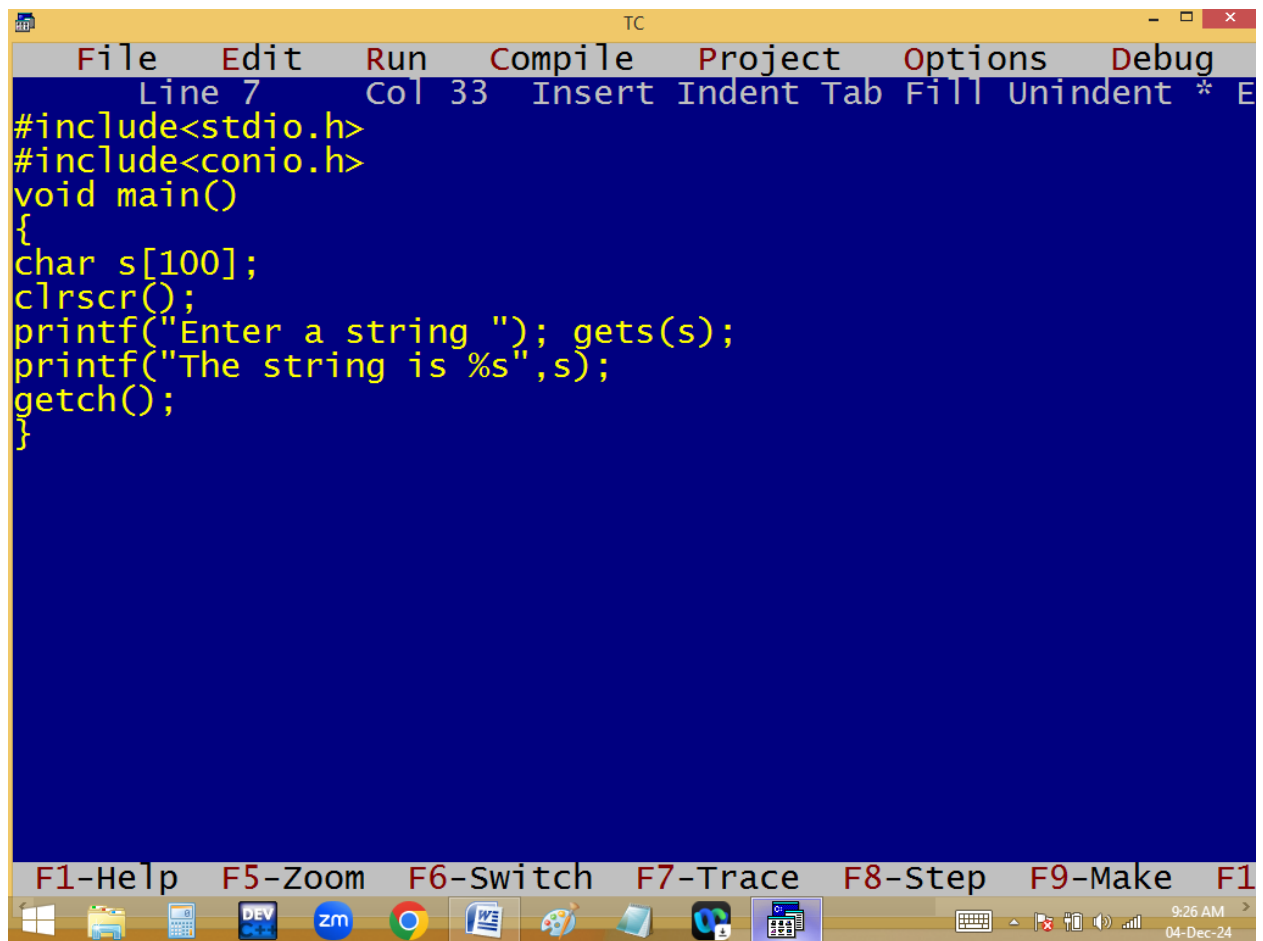
At the bottom of the IDE window, there is a row of function key shortcuts: "F1-Help", "F5-Zoom", "F6-Switch", "F7-Trace", "F8-Step", "F9-Make", and "F10-Run". Below this is the Windows taskbar, which includes icons for the Start button, File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Word, Paint, and a folder icon. The system tray on the right shows the date and time as "9:25 AM 04-Dec-24".





The image shows a screenshot of a Turbo C++ (TC) window. The window has a yellow title bar with the text "TC" and standard minimize, maximize, and close buttons. The main area is black, displaying the text "Enter a string Kishore Naidu" on the first line and "The string is Kishore\_" on the second line. The Windows taskbar is visible at the bottom, showing various application icons and the system clock indicating 9:25 AM on 04-Dec-24.

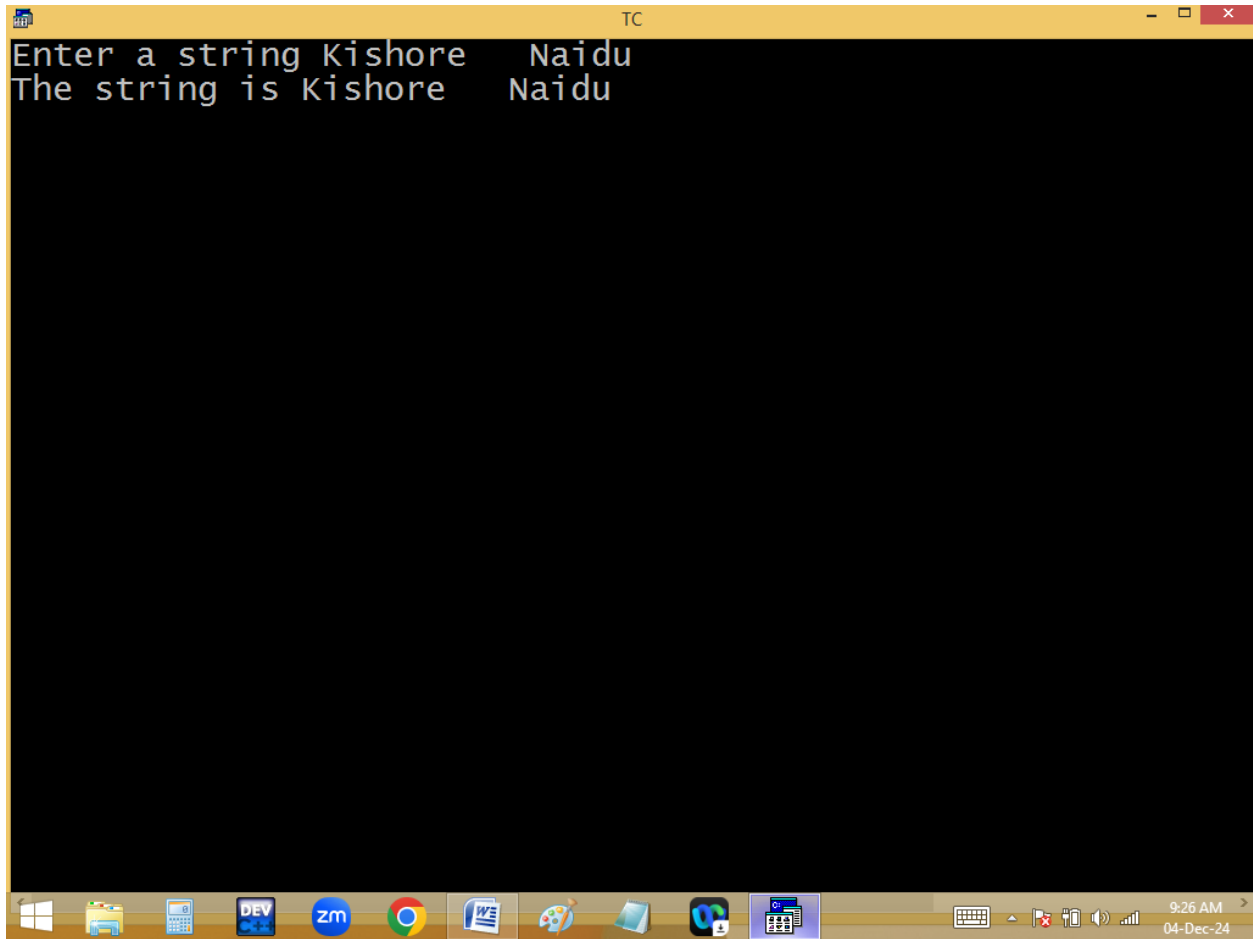
**gets()**: It allows to read a string with spaces until pressing enter key.

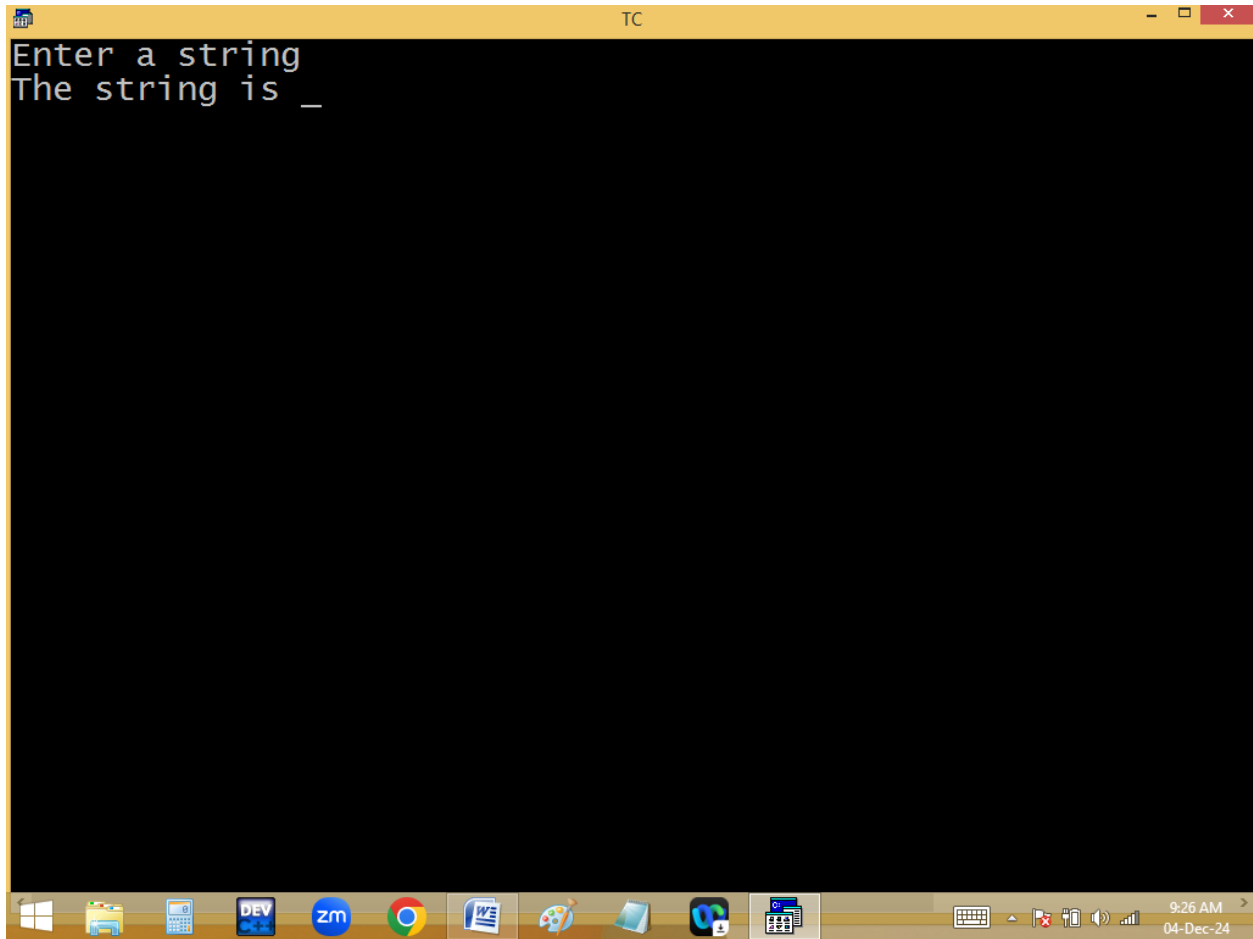


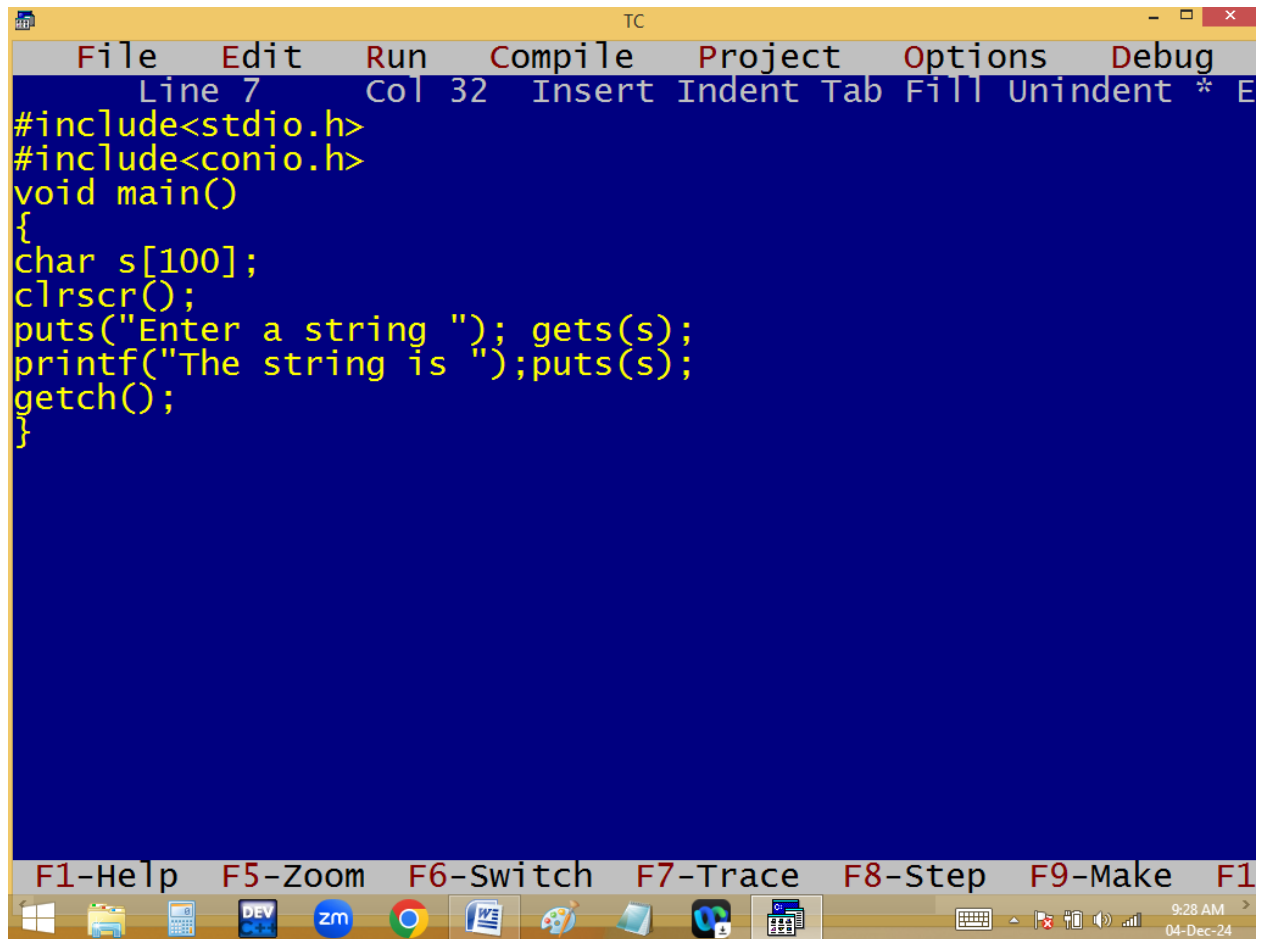
The image shows a screenshot of a Turbo C++ (TC) IDE window. The window has a yellow title bar with the text "TC" and standard window controls. The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, a status bar shows "Line 7", "Col 33", and various editing options like "Insert", "Indent", "Tab", "Fill", "Unindent", and a "E" (likely for End). The main editing area has a blue background and contains the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
char s[100];
clrscr();
printf("Enter a string "); gets(s);
printf("The string is %s",s);
getch();
}
```

At the bottom of the window, there is a toolbar with function key shortcuts: "F1-Help", "F5-Zoom", "F6-Switch", "F7-Trace", "F8-Step", "F9-Make", and "F10-Run". The Windows taskbar is visible at the very bottom, showing icons for the Start menu, File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Word, Paint, and the Turbo C++ application. The system clock in the bottom right corner indicates "9:26 AM" on "04-Dec-24".







The image shows a screenshot of a Turbo C++ (TC) IDE window. The window has a yellow title bar with the text "TC" and standard window controls. The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, a status bar shows "Line 7", "Col 32", and a list of editing actions: "Insert", "Indent", "Tab", "Fill", "Unindent", and a cursor icon. The main editing area has a dark blue background with yellow text. The code is as follows:

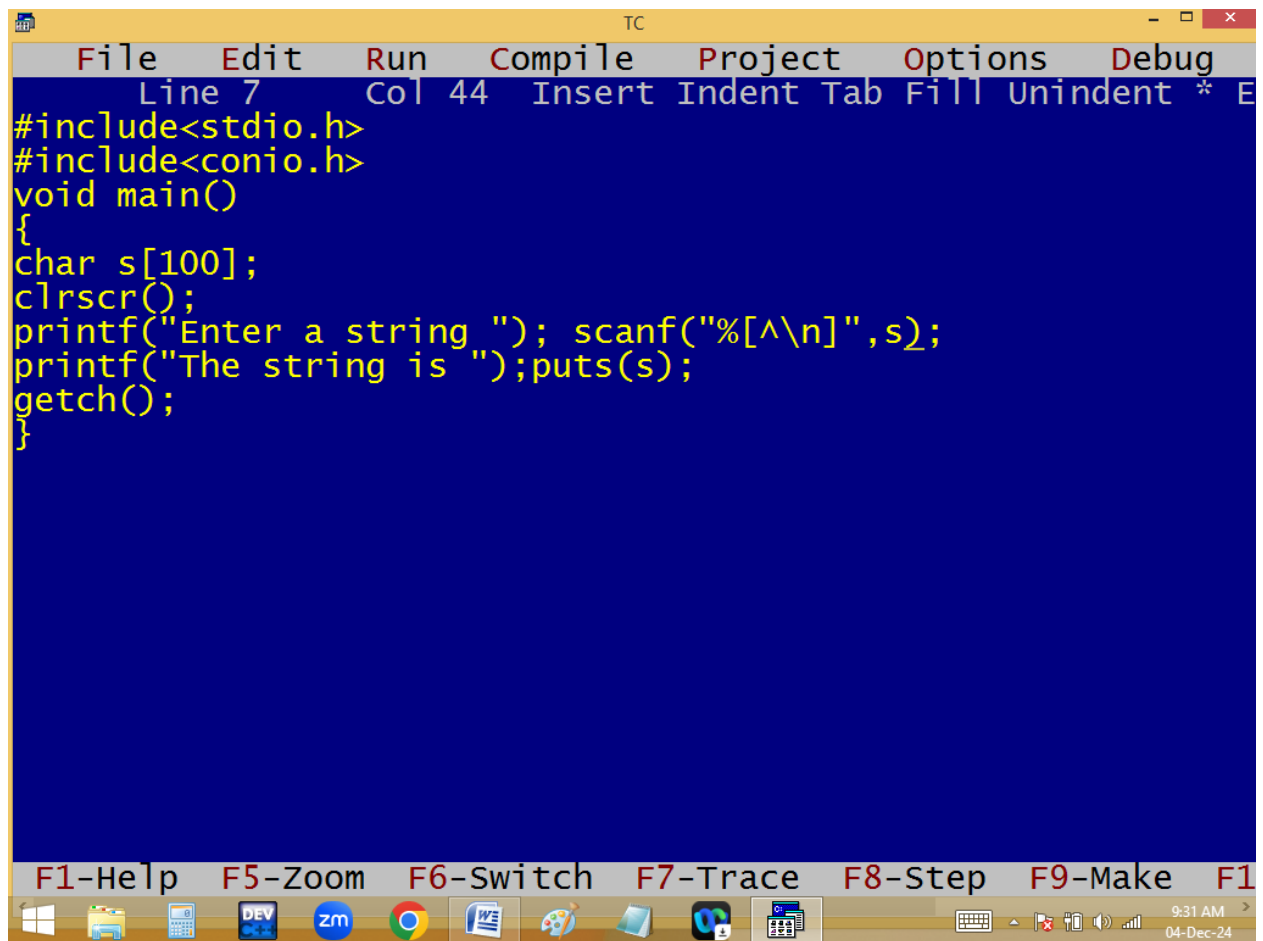
```
#include<stdio.h>
#include<conio.h>
void main()
{
char s[100];
clrscr();
puts("Enter a string "); gets(s);
printf("The string is ");puts(s);
getch();
}
```

At the bottom of the window, there is a toolbar with function key shortcuts: "F1-Help", "F5-Zoom", "F6-Switch", "F7-Trace", "F8-Step", "F9-Make", and "F10-Run". Below the toolbar is a Windows taskbar with various application icons (Windows Start button, File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Word, Paint, VS Code, and a task view icon). The system tray on the right shows the time "9:28 AM" and the date "04-Dec-24".



```
TC
Enter a string
Sachin Ramesh Tendulkar
The string is Sachin Ramesh Tendulkar
```

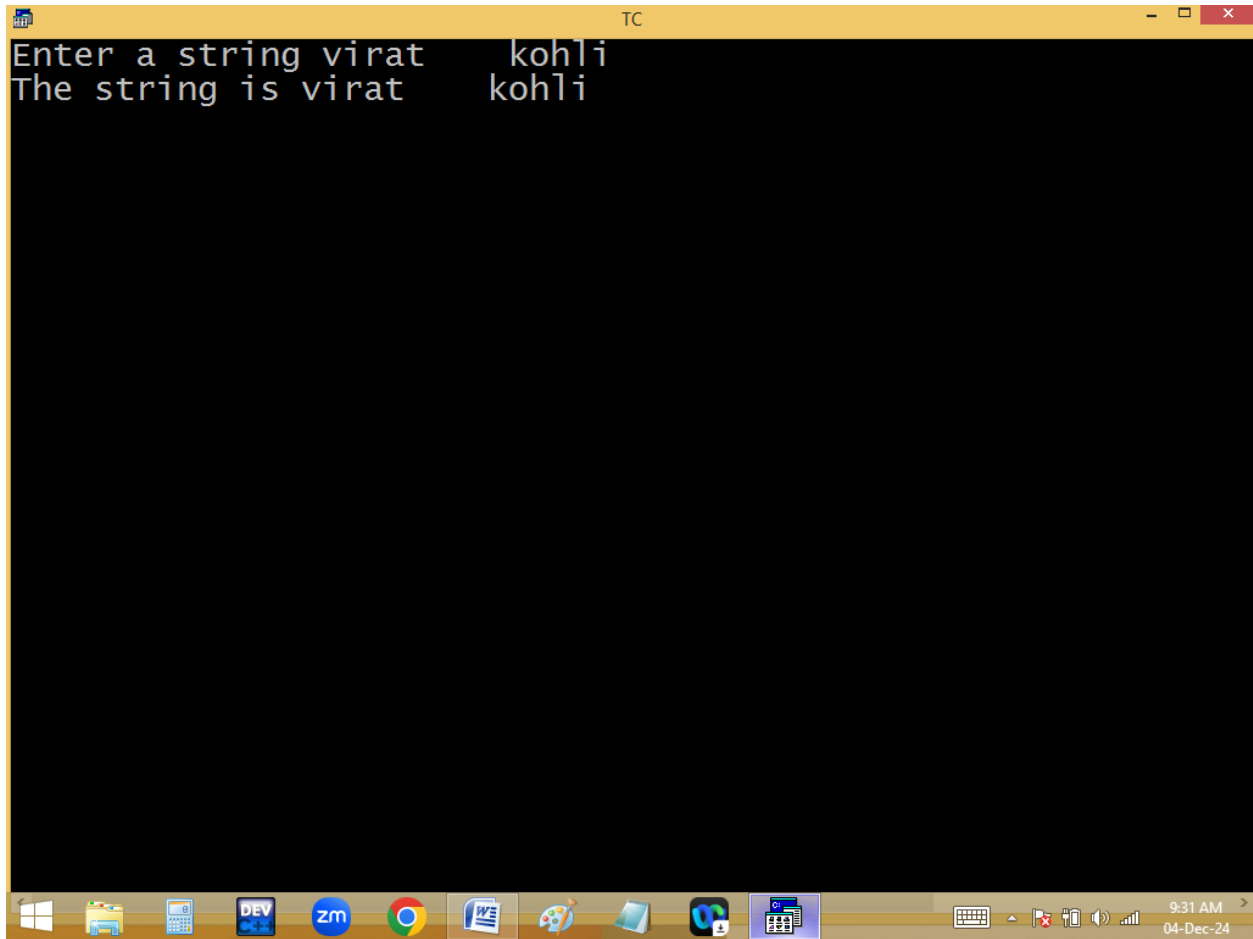
**Magic / scan set characters:**

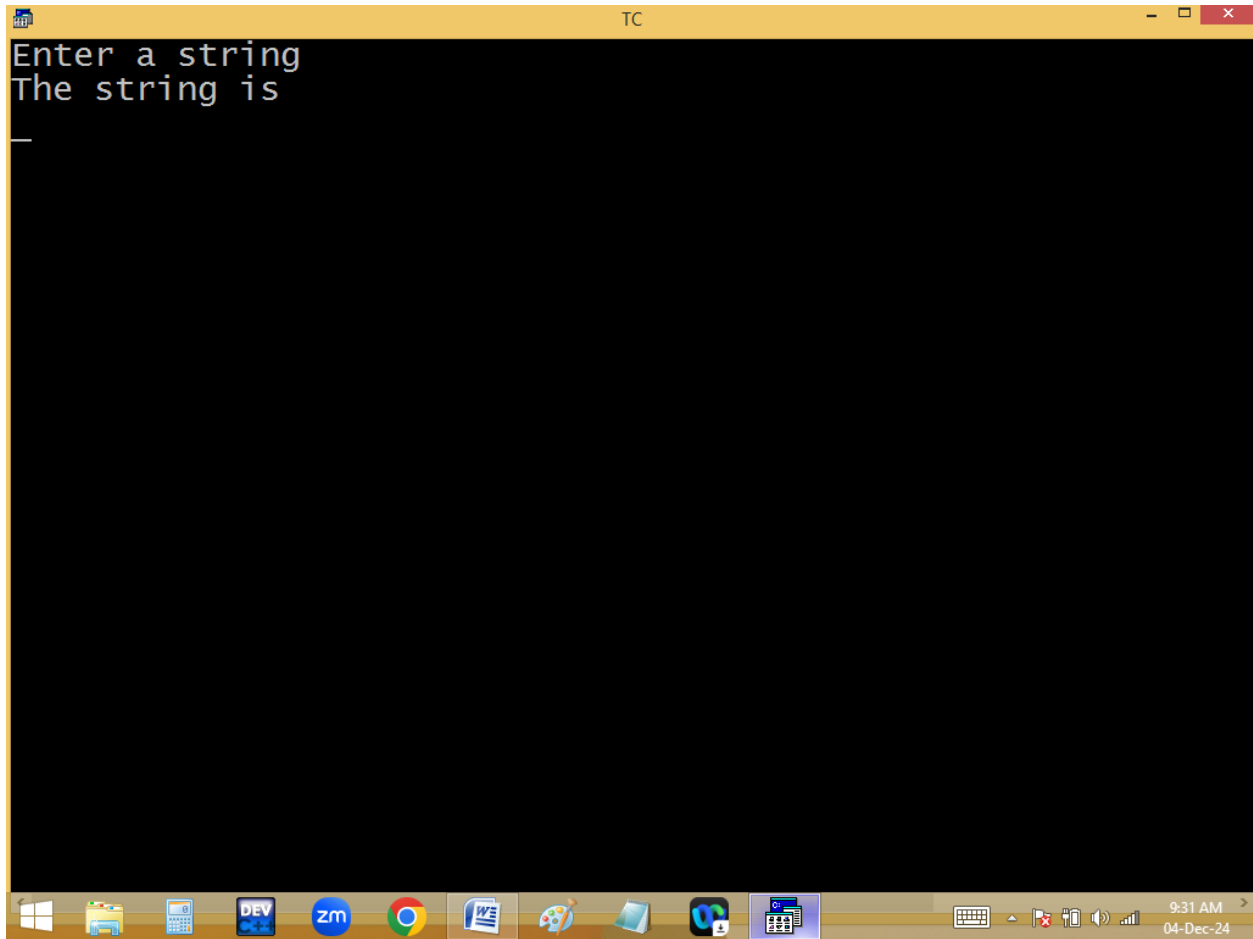


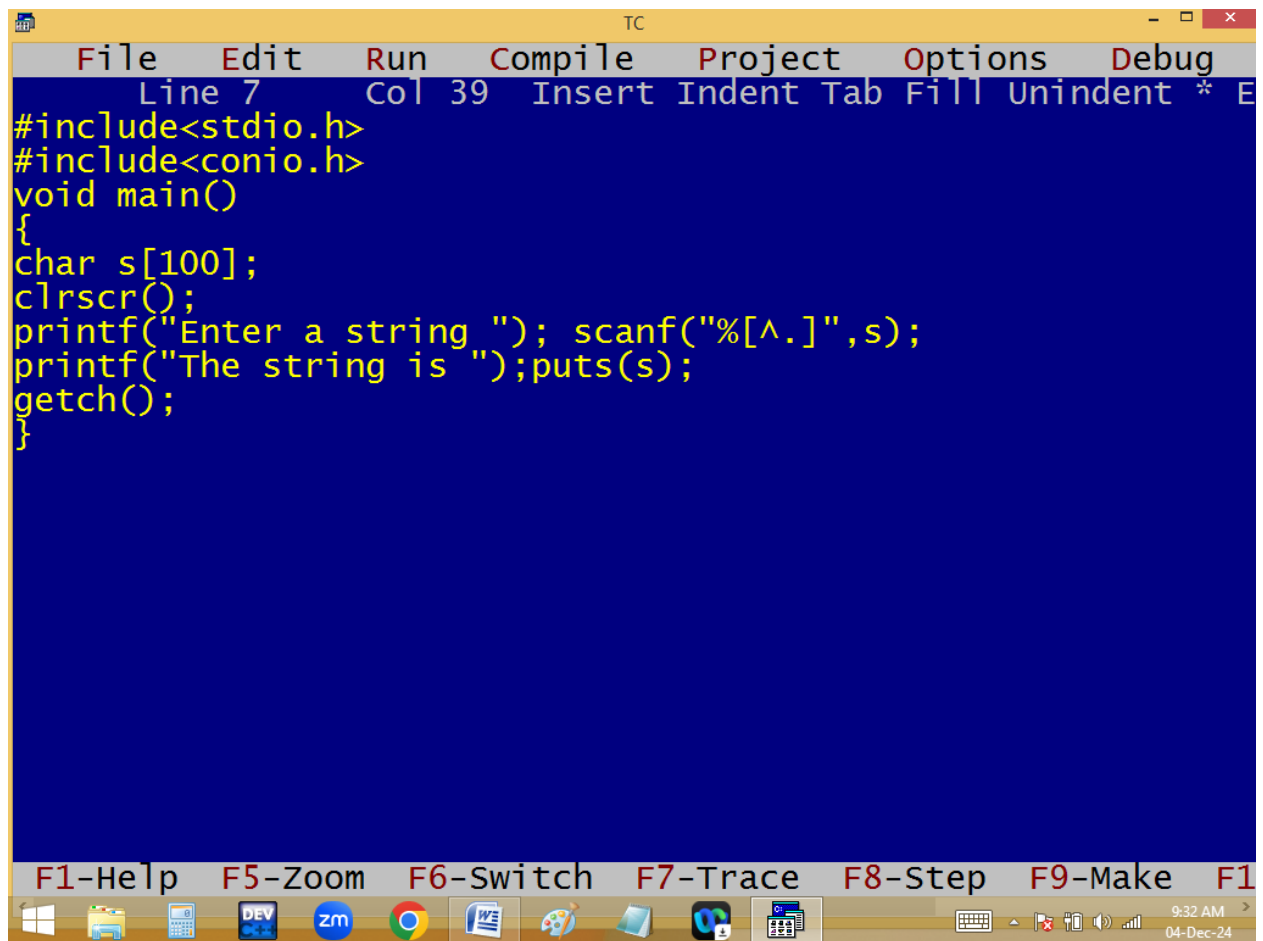
The image shows a screenshot of a Turbo C++ (TC) IDE window. The window has a yellow title bar with the text "TC" and standard window controls. The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, a status bar shows "Line 7", "Col 44", and a list of editing actions: "Insert", "Indent", "Tab", "Fill", "Unindent", and a cursor icon. The main editing area has a blue background and contains the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
char s[100];
clrscr();
printf("Enter a string "); scanf("%[^\n]",s);
printf("The string is ");puts(s);
getch();
}
```

At the bottom of the window, there is a toolbar with function key shortcuts: "F1-Help", "F5-Zoom", "F6-Switch", "F7-Trace", "F8-Step", "F9-Make", and "F10-Run". The Windows taskbar is visible at the very bottom, showing icons for the Start menu, File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Word, Paint, and the TC application. The system clock in the bottom right corner displays "9:31 AM" and "04-Dec-24".





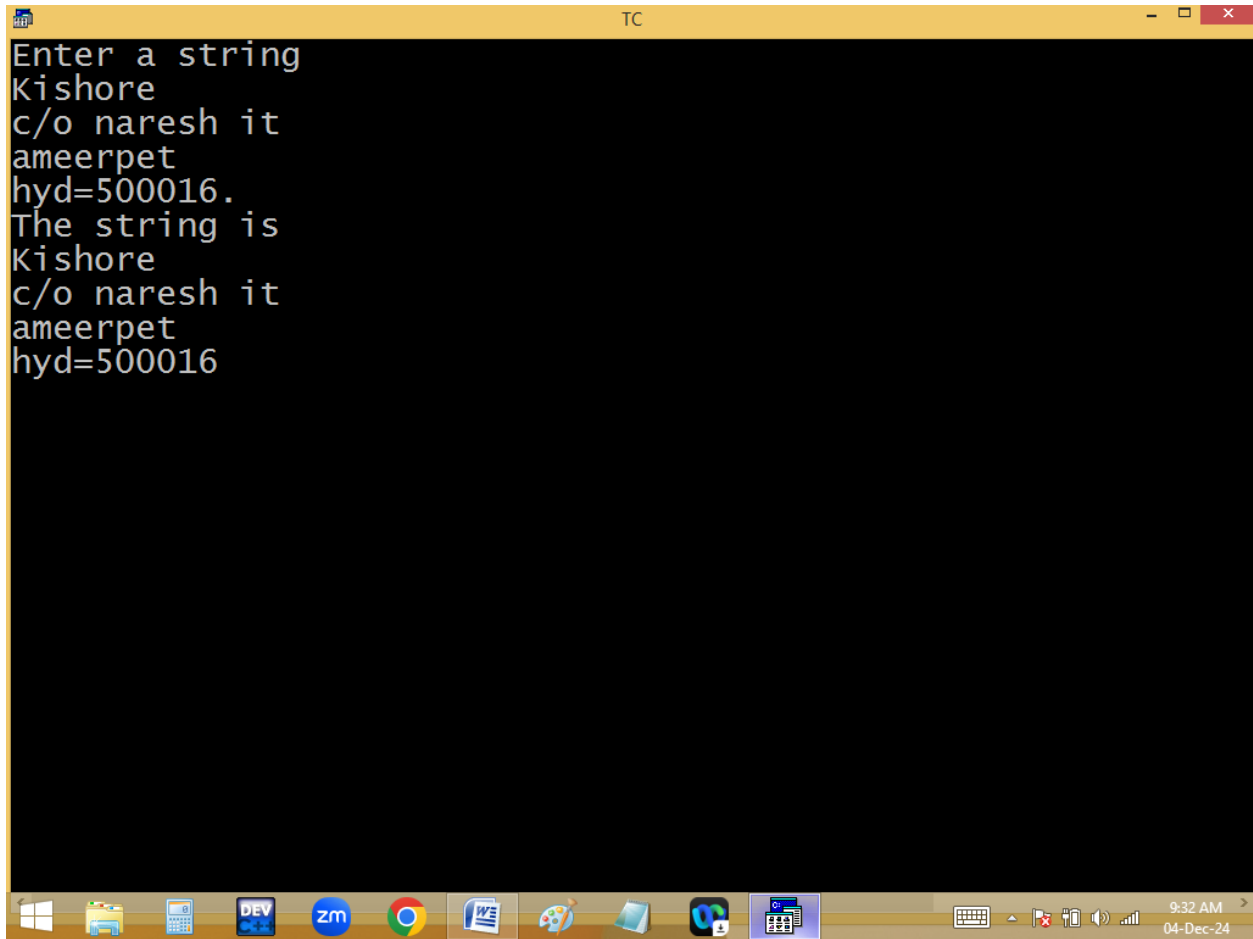


The image shows a screenshot of a Turbo C++ (TC) IDE window. The window has a yellow title bar with the text "TC" and standard window controls. The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, a status bar shows "Line 7", "Col 39", and various editing options like "Insert", "Indent", "Tab", "Fill", "Unindent", and a comment toggle. The main editing area has a blue background and contains the following C code:

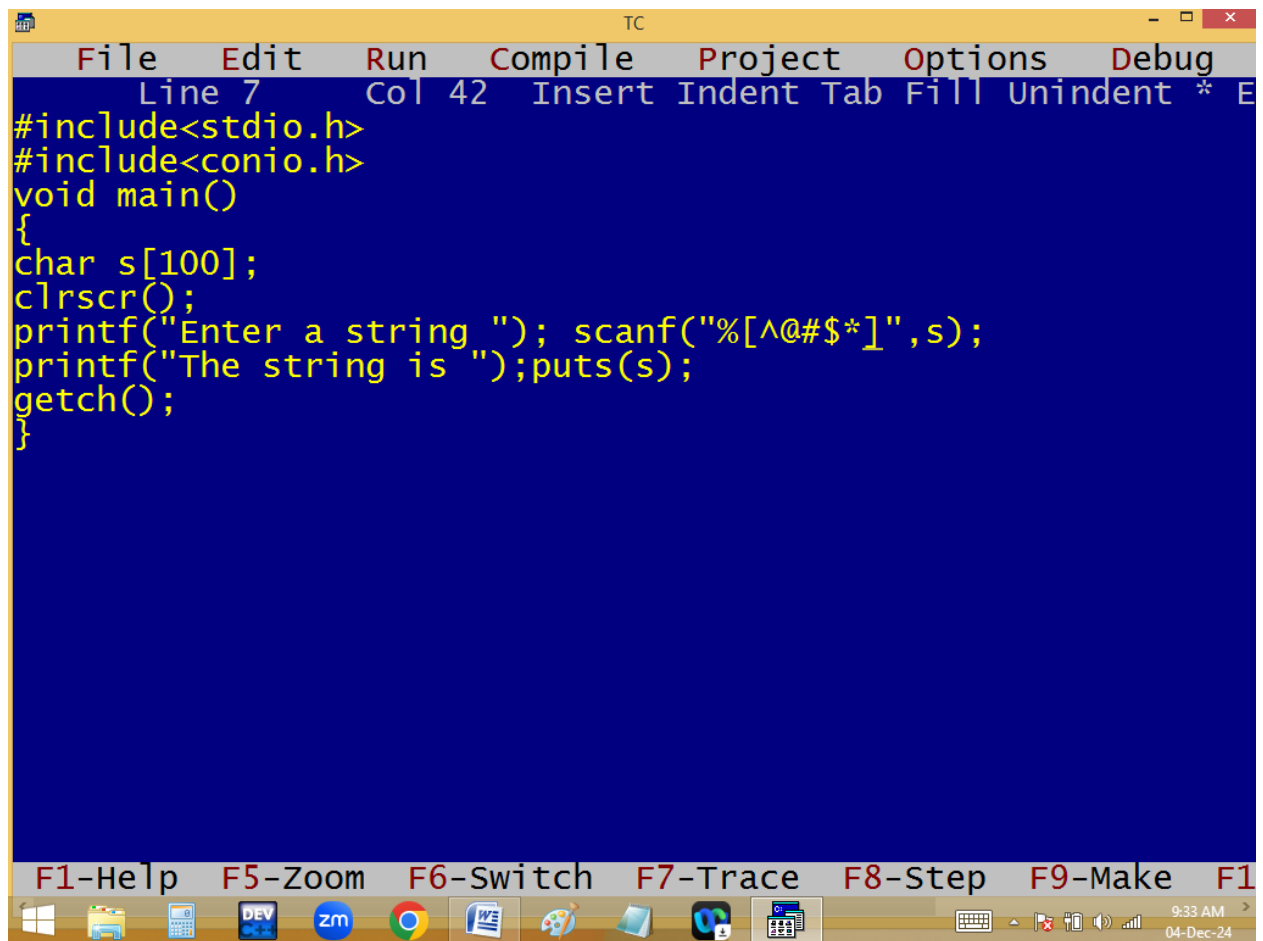
```
#include<stdio.h>
#include<conio.h>
void main()
{
char s[100];
clrscr();
printf("Enter a string "); scanf("%[^\n]",s);
printf("The string is ");puts(s);
getch();
}
```

At the bottom of the window, there is a toolbar with function key shortcuts: "F1-Help", "F5-Zoom", "F6-Switch", "F7-Trace", "F8-Step", "F9-Make", and "F10-Run". The Windows taskbar is visible at the very bottom, showing icons for the Start menu, File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Word, Paint, and the TC application. The system clock in the bottom right corner indicates the time is 9:32 AM on 04-Dec-24.

```
TC
Enter a string
Kishore
c/o naresh it
ameerpet
hyd=500016.
The string is
Kishore
c/o naresh it
ameerpet
hyd=500016
```



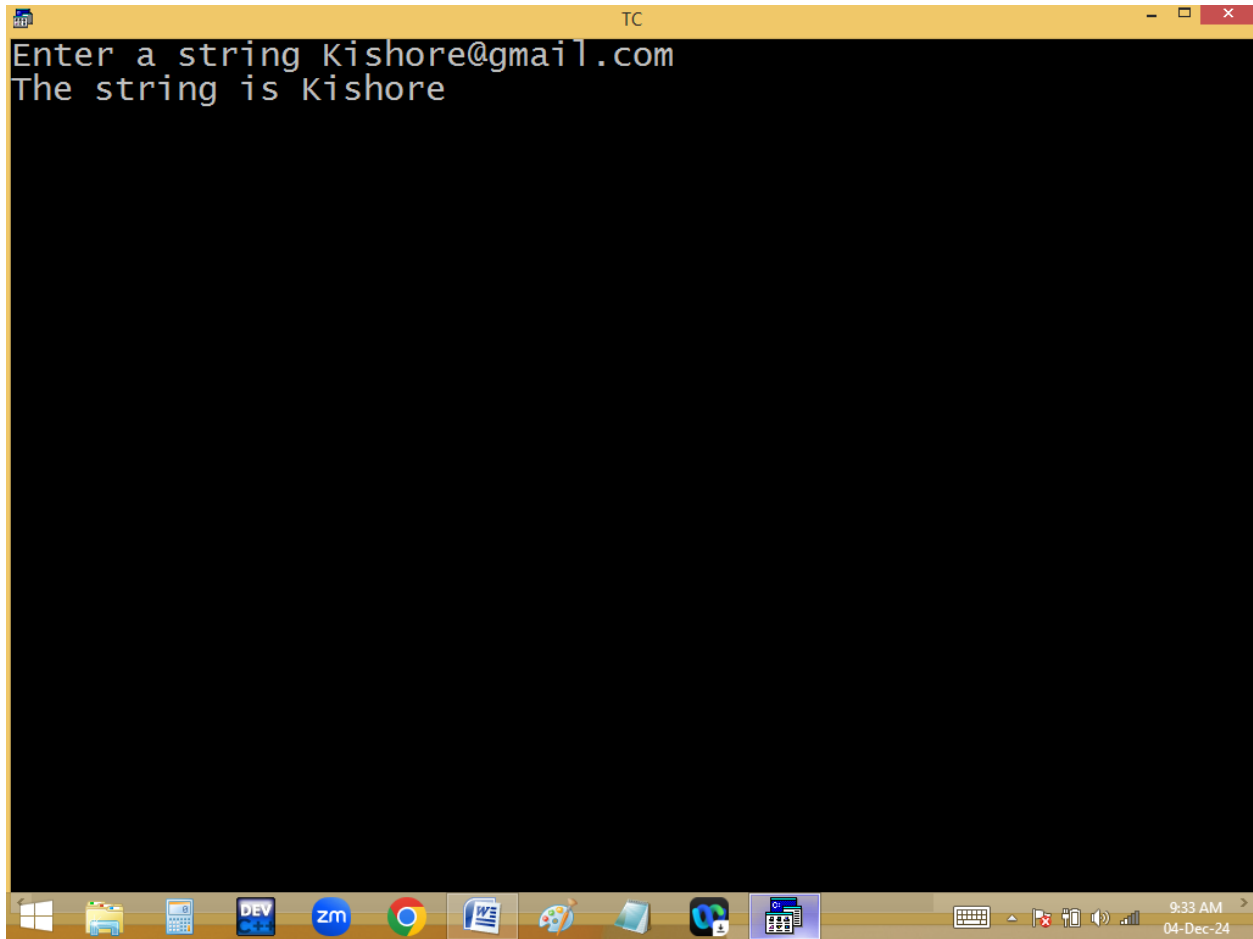
The image shows a Windows 10 desktop environment. At the top, a yellow title bar for a window titled 'TC' is visible. The main area of the window is black, displaying the output of a C program in white text. The program prompts the user to 'Enter a string', and the user has entered 'Kishore', 'c/o naresh it', 'ameerpet', and 'hyd=500016.' on separate lines. The program then prints 'The string is' followed by the same four lines of input. The Windows taskbar is at the bottom, featuring icons for the Start menu, File Explorer, Calculator, DEV, ZM, Chrome, Word, a game controller, a folder, and a calendar. The system tray on the right shows the time as 9:32 AM and the date as 04-Dec-24.



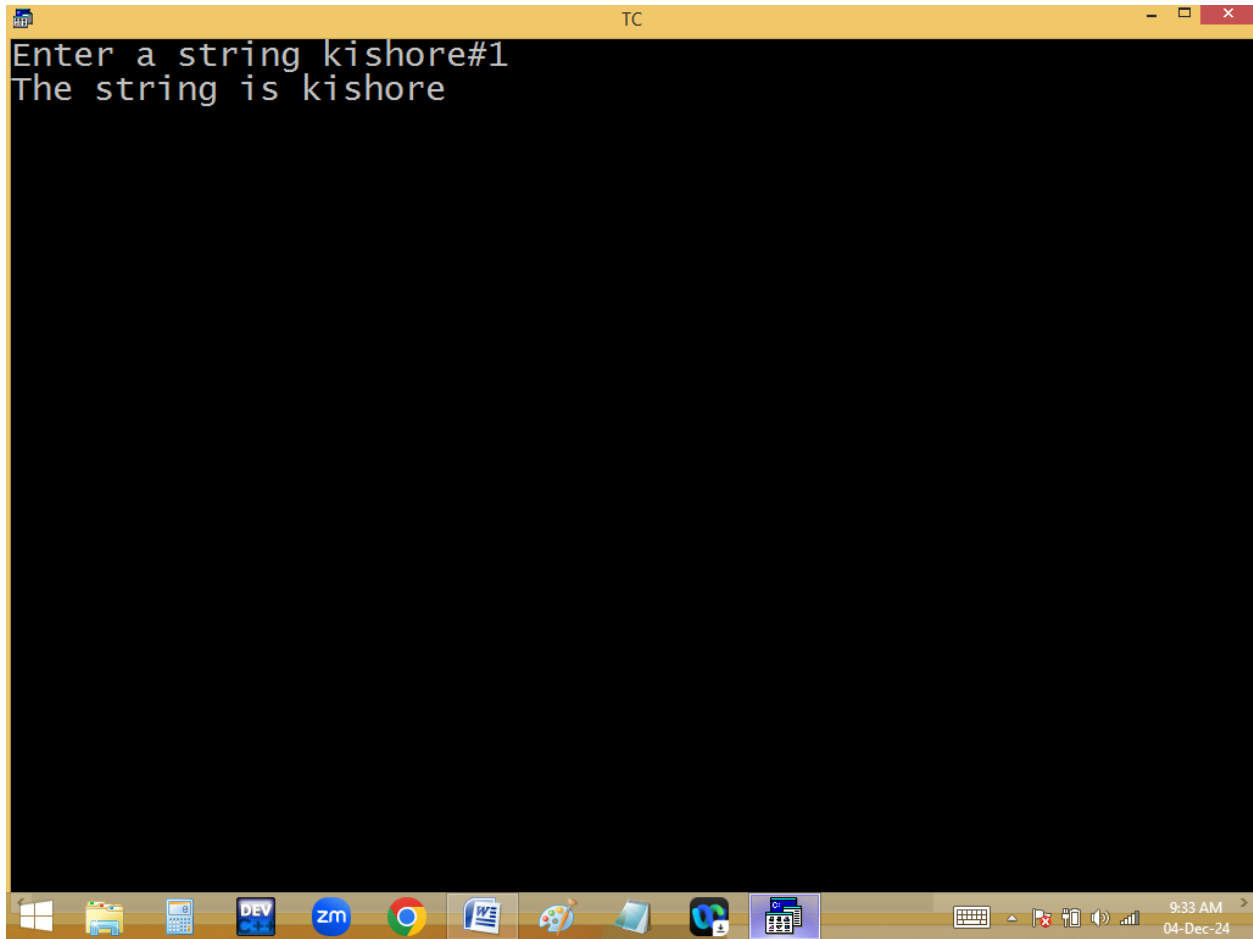
The image shows a screenshot of a Turbo C++ (TC) IDE window. The window has a yellow title bar with the text "TC" and standard window controls. Below the title bar is a menu bar with the following items: File, Edit, Run, Compile, Project, Options, and Debug. Under the "Run" menu, there is a submenu with the following options: Line 7, Col 42, Insert, Indent, Tab, Fill, Unindent, and \*. The main editing area has a dark blue background with yellow text. The code is as follows:

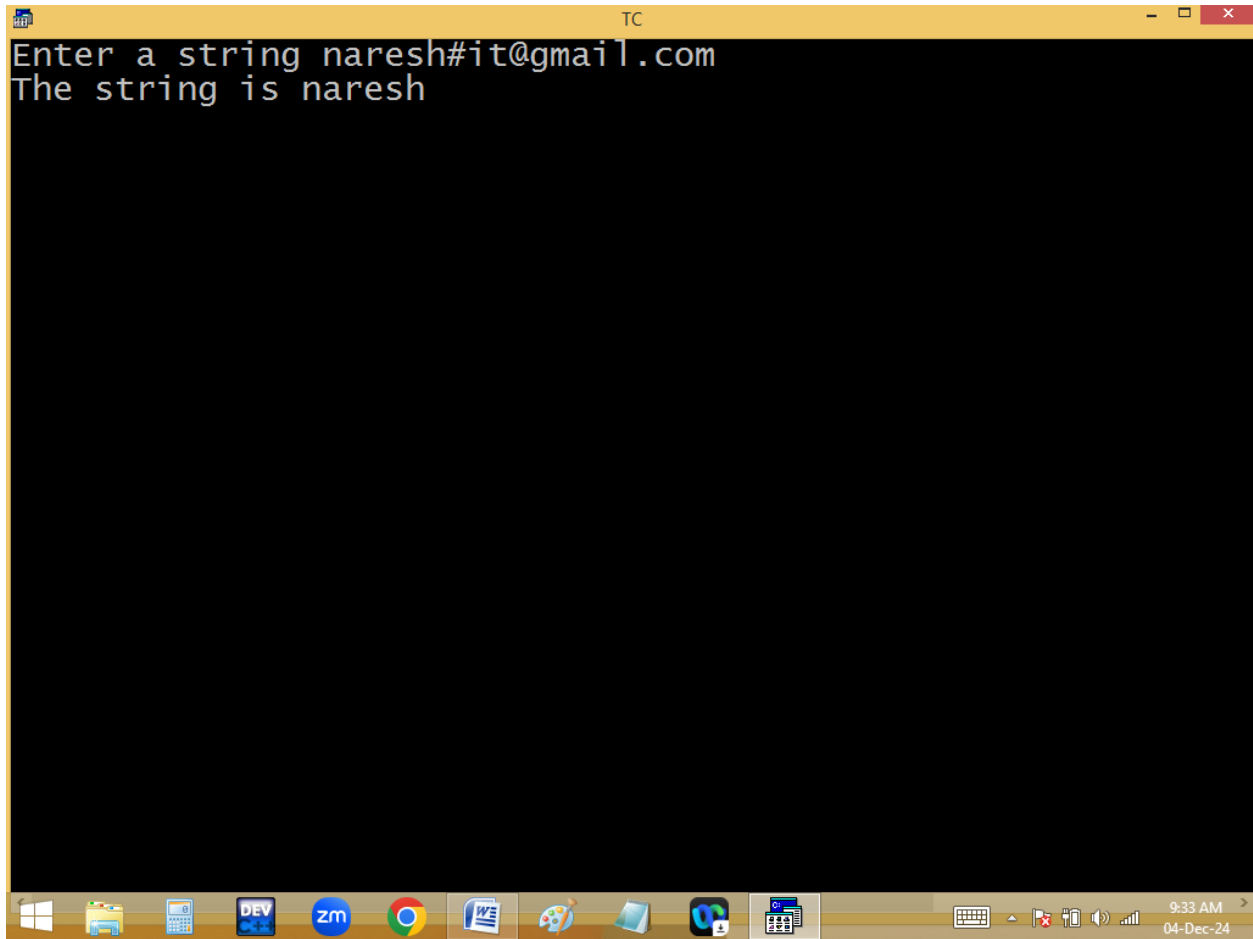
```
#include<stdio.h>
#include<conio.h>
void main()
{
char s[100];
clrscr();
printf("Enter a string "); scanf("%[^@#$_*]",s);
printf("The string is ");puts(s);
getch();
}
```

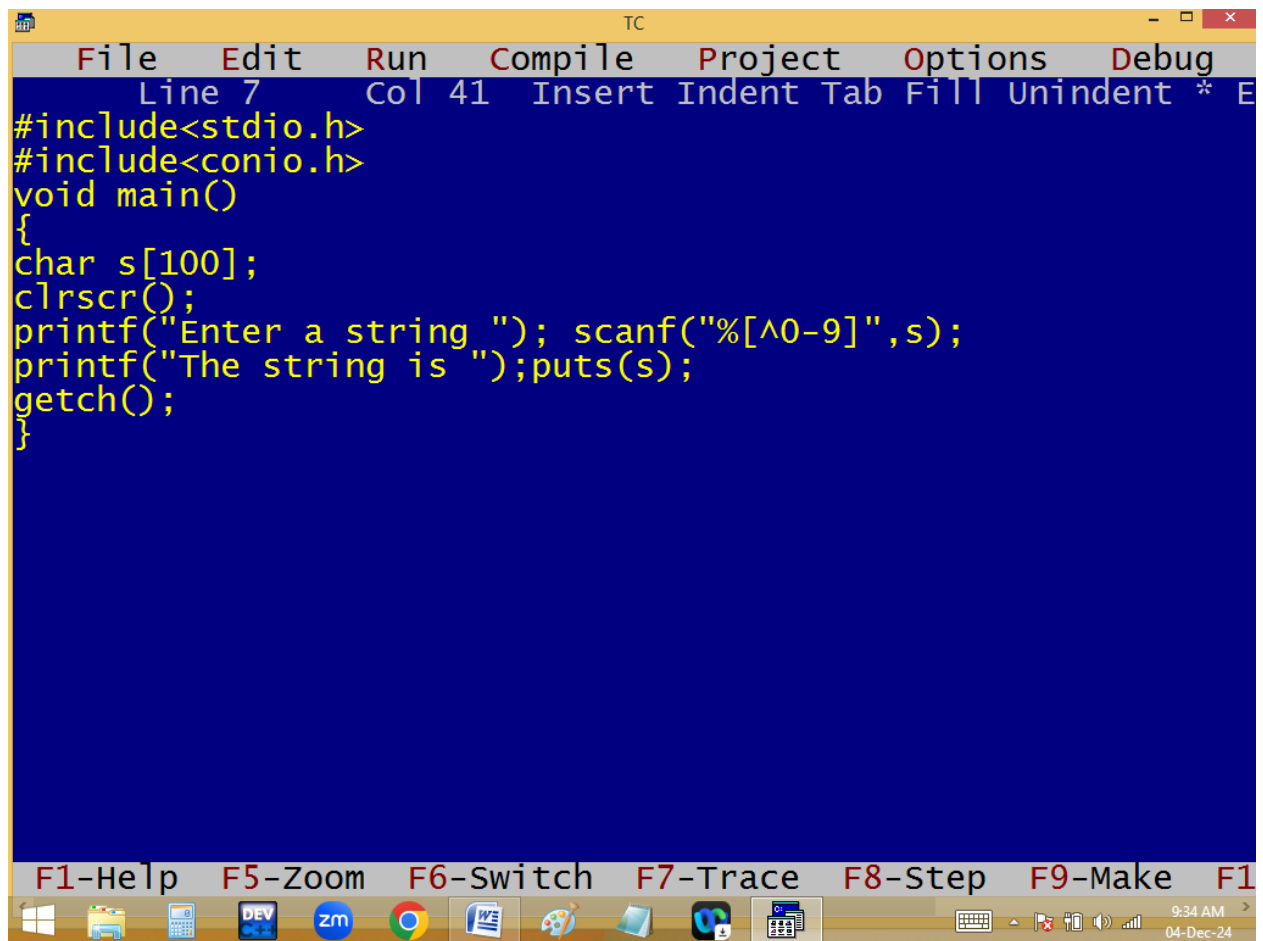
At the bottom of the window, there is a status bar with the following text: F1-Help, F5-Zoom, F6-Switch, F7-Trace, F8-Step, F9-Make, and F10-Exit. Below the status bar is a Windows taskbar with various icons, including the Start button, File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Word, Paint, and a folder icon. The system clock in the bottom right corner shows 9:33 AM on 04-Dec-24.







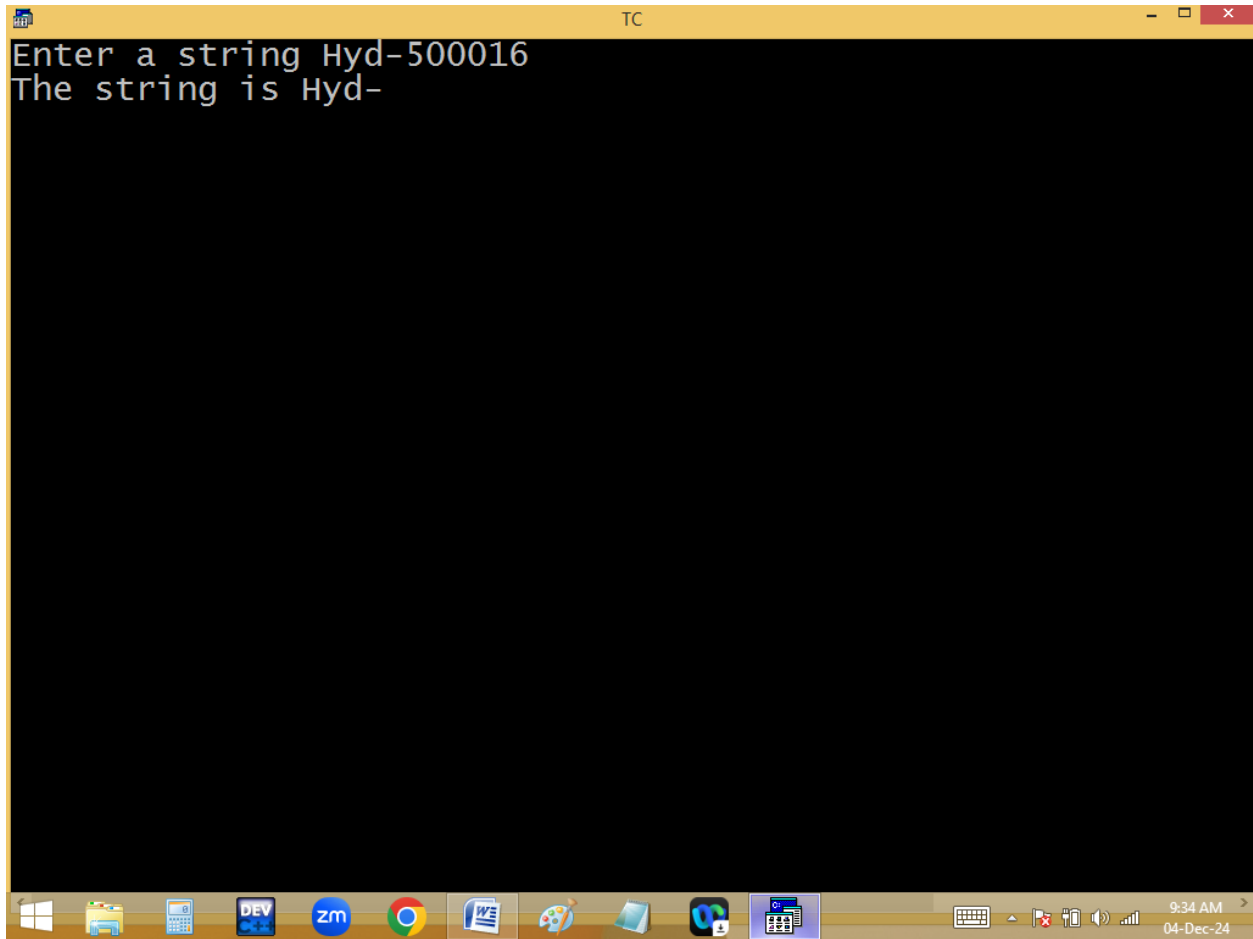


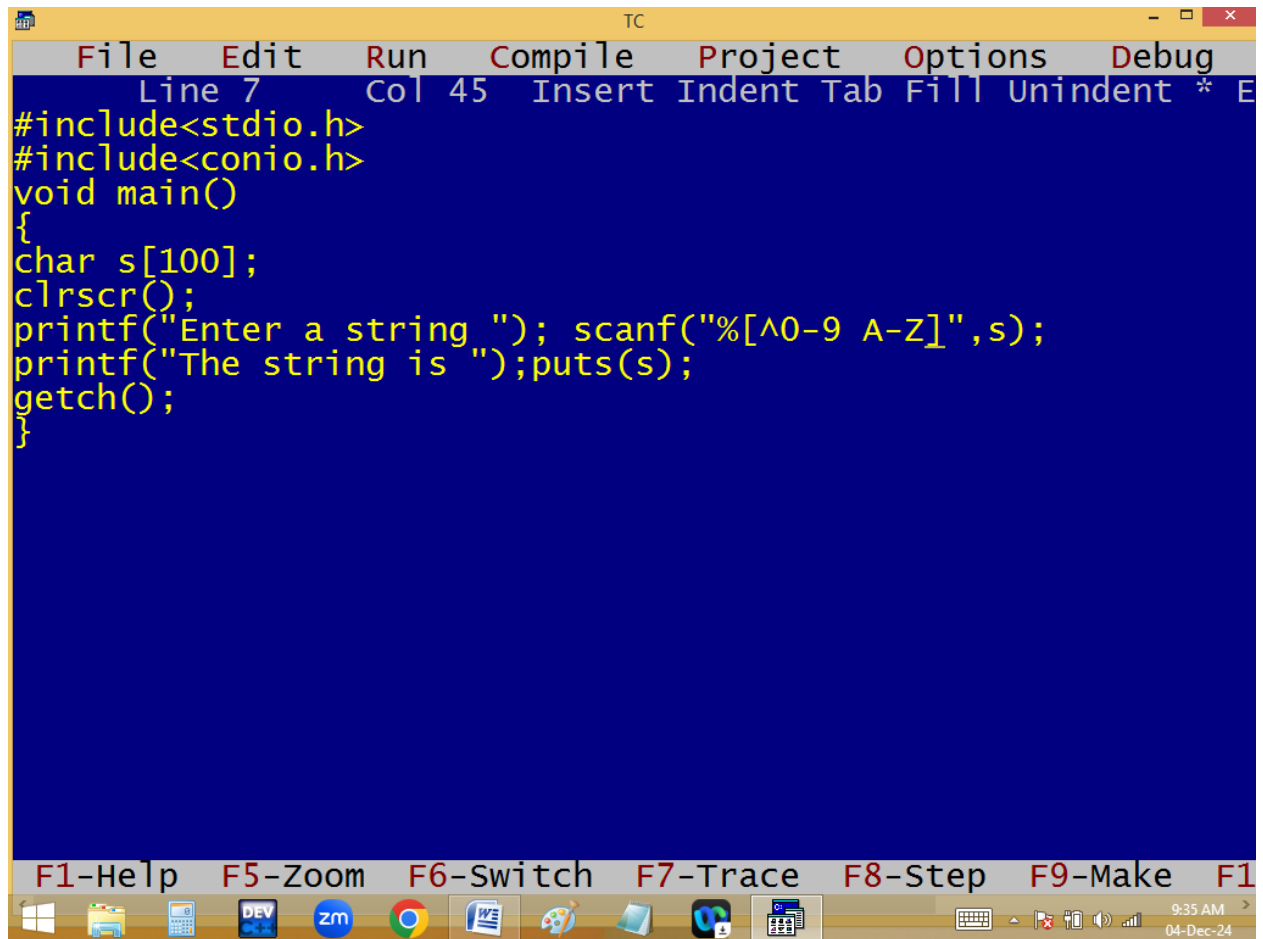


The image shows a screenshot of a Turbo C++ (TC) IDE window. The window has a yellow title bar with the text "TC" and standard window controls. Below the title bar is a menu bar with the following items: File, Edit, Run, Compile, Project, Options, and Debug. Under the "Edit" menu, there is a submenu with the following options: Line 7, Col 41, Insert, Indent, Tab, Fill, Unindent, and \*. The main editing area has a dark blue background with yellow text. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
char s[100];
clrscr();
printf("Enter a string "); scanf("%[^0-9]",s);
printf("The string is ");puts(s);
getch();
}
```

At the bottom of the window, there is a status bar with the following text: F1-Help, F5-Zoom, F6-Switch, F7-Trace, F8-Step, F9-Make, and F10-Run. Below the status bar is a Windows taskbar with various icons, including the Start button, File Explorer, Calculator, DEV C++, Zoom, Chrome, Word, Paint, and a folder icon. The system clock in the bottom right corner shows 9:34 AM on 04-Dec-24.

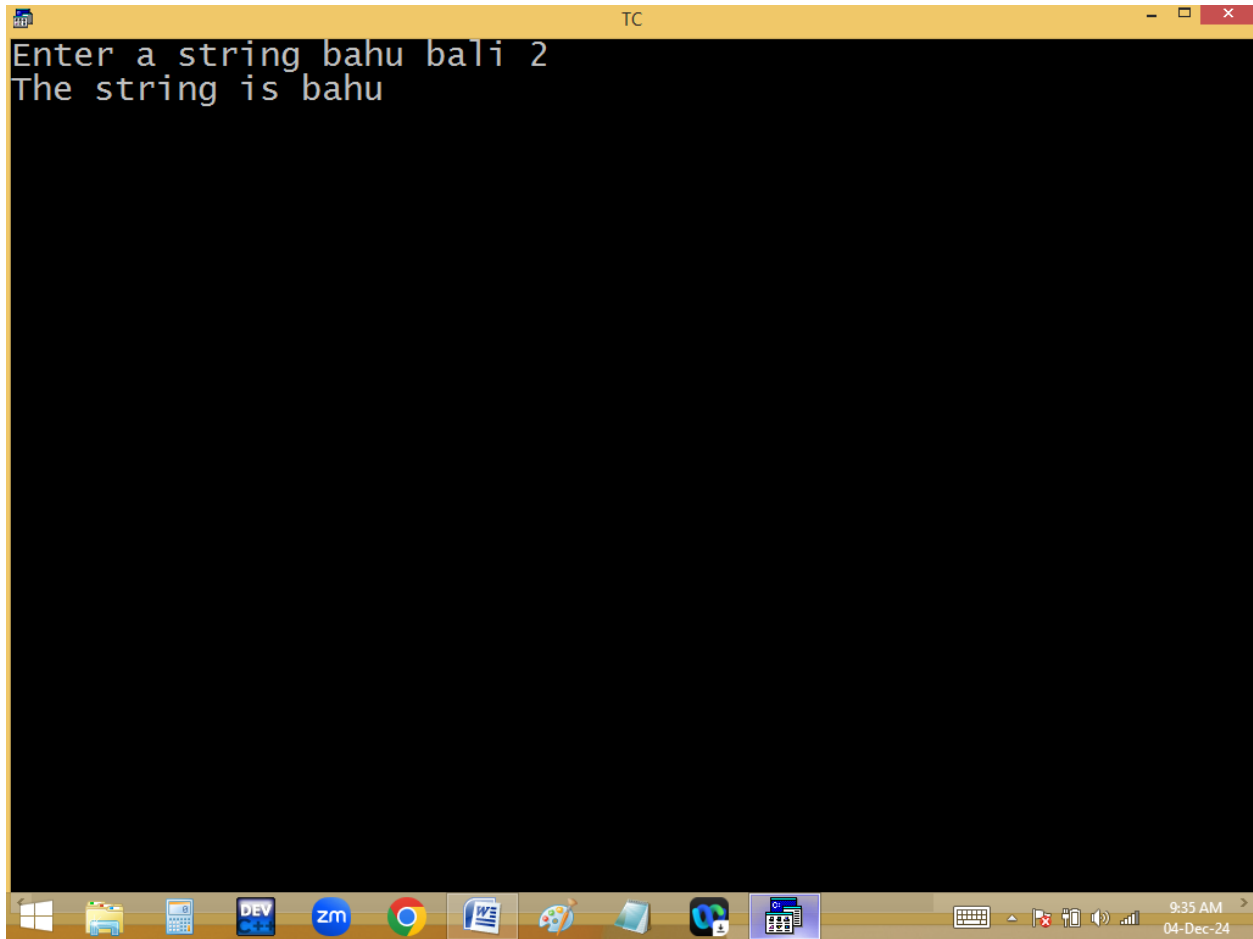


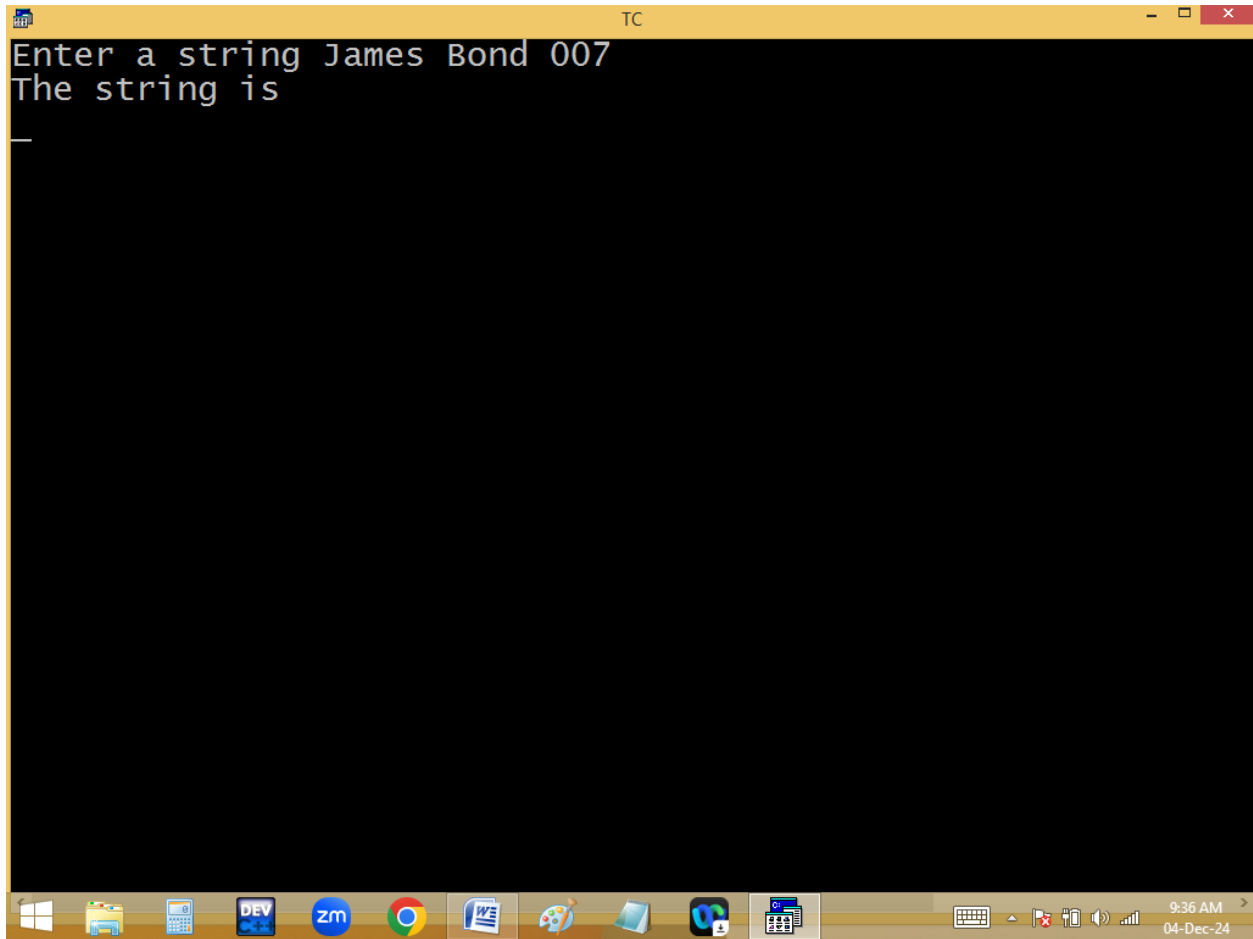


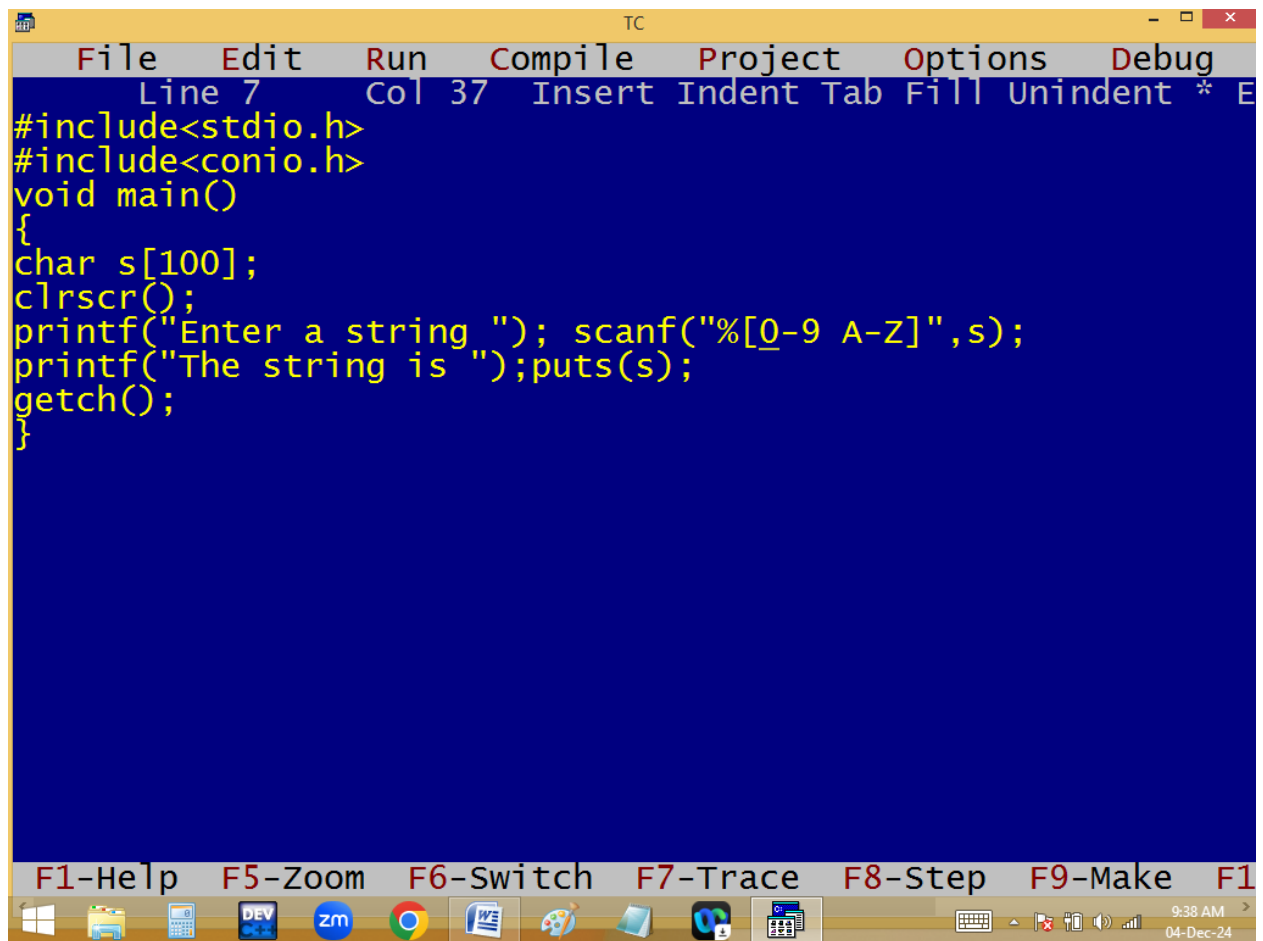
The image shows a screenshot of a Turbo C++ (TC) IDE window. The title bar at the top reads "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, a status line indicates "Line 7 Col 45" and provides keyboard shortcuts: "Insert", "Indent", "Tab", "Fill", "Unindent", and a help key marked with an asterisk. The main editing area has a dark blue background with yellow text. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
char s[100];
clrscr();
printf("Enter a string "); scanf("%[^0-9 A-Z]",s);
printf("The string is ");puts(s);
getch();
}
```

At the bottom of the window, there is a toolbar with function key shortcuts: "F1-Help", "F5-Zoom", "F6-Switch", "F7-Trace", "F8-Step", "F9-Make", and "F10-Run". The Windows taskbar is visible at the very bottom, showing icons for the Start menu, File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Word, Paint, and the TC application. The system clock in the bottom right corner shows "9:35 AM" and "04-Dec-24".





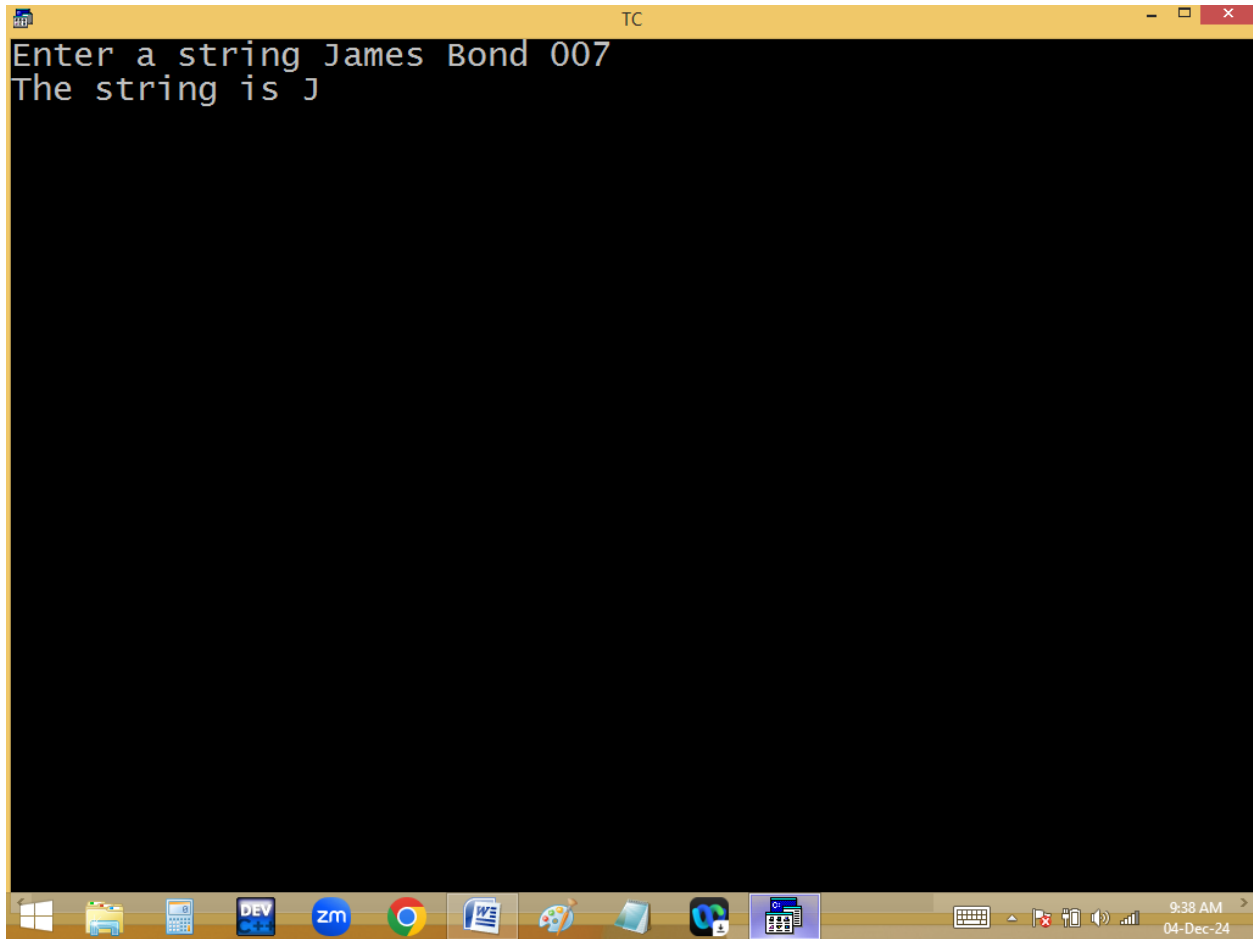


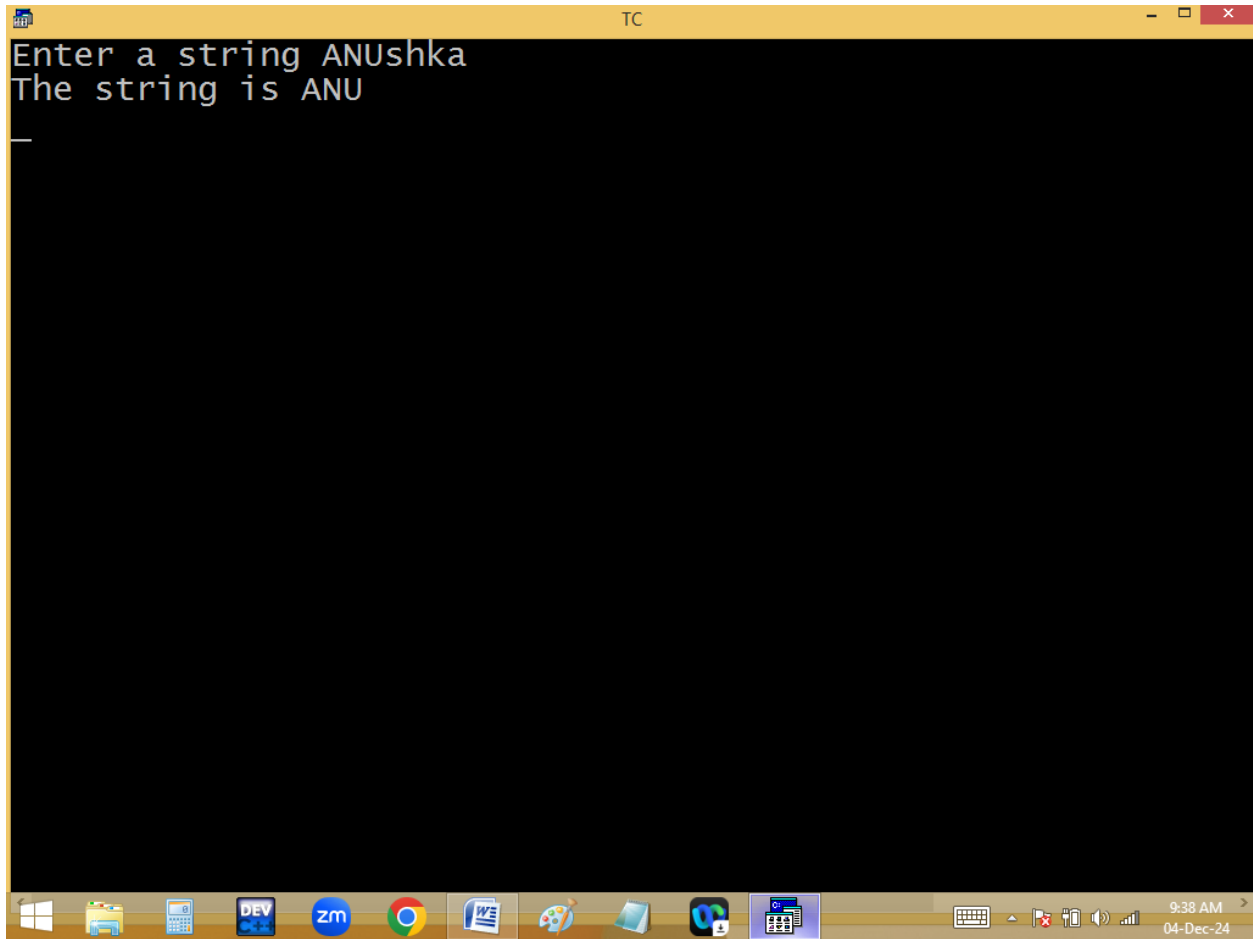
```
TC
File Edit Run Compile Project Options Debug
Line 7 Col 37 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
{
char s[100];
clrscr();
printf("Enter a string "); scanf("%[0-9 A-Z]",s);
printf("The string is ");puts(s);
getch();
}
```

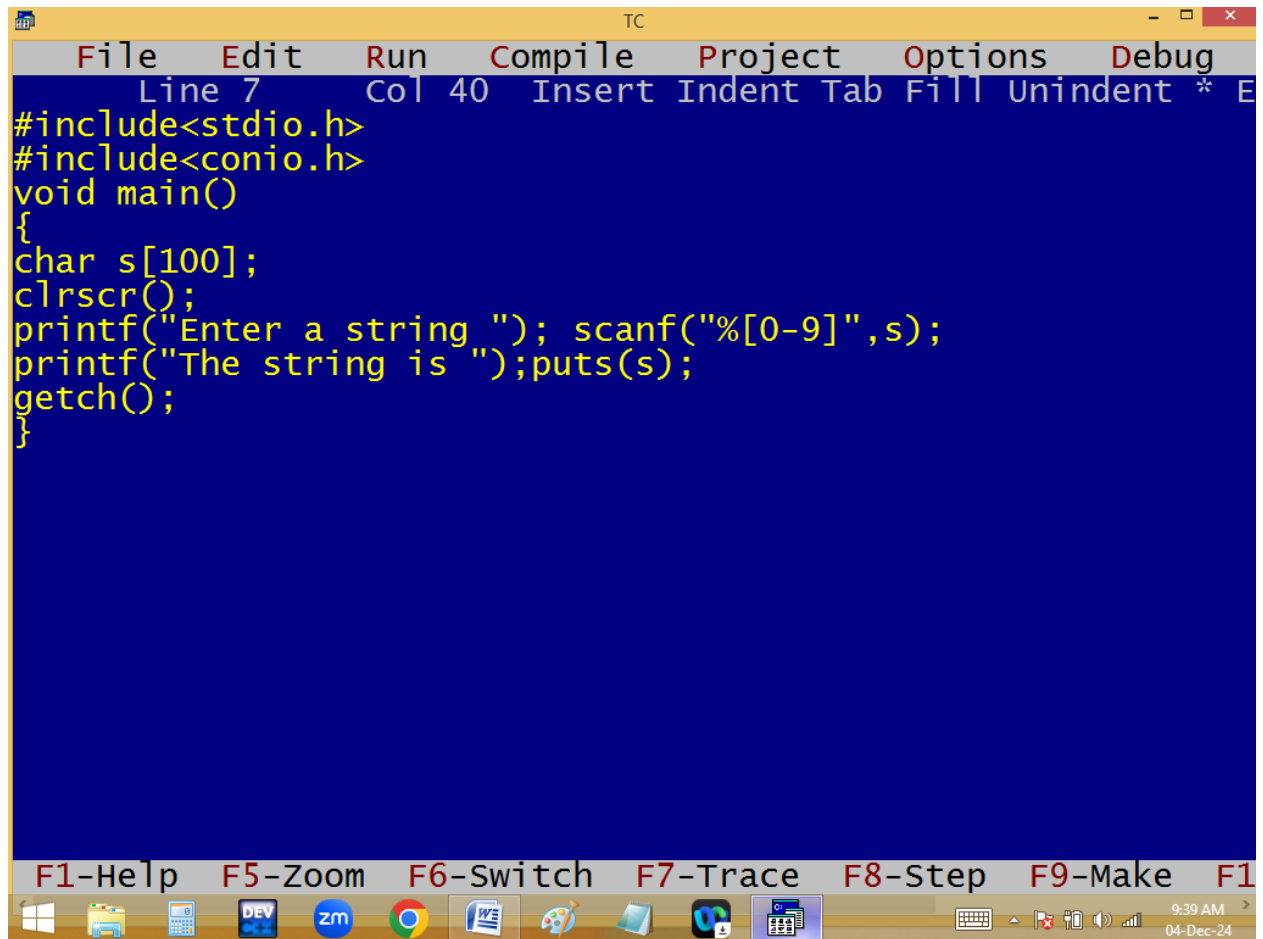
F1-Help F5-Zoom F6-Switch F7-Trace F8-Step F9-Make F10-Run

9:38 AM  
04-Dec-24





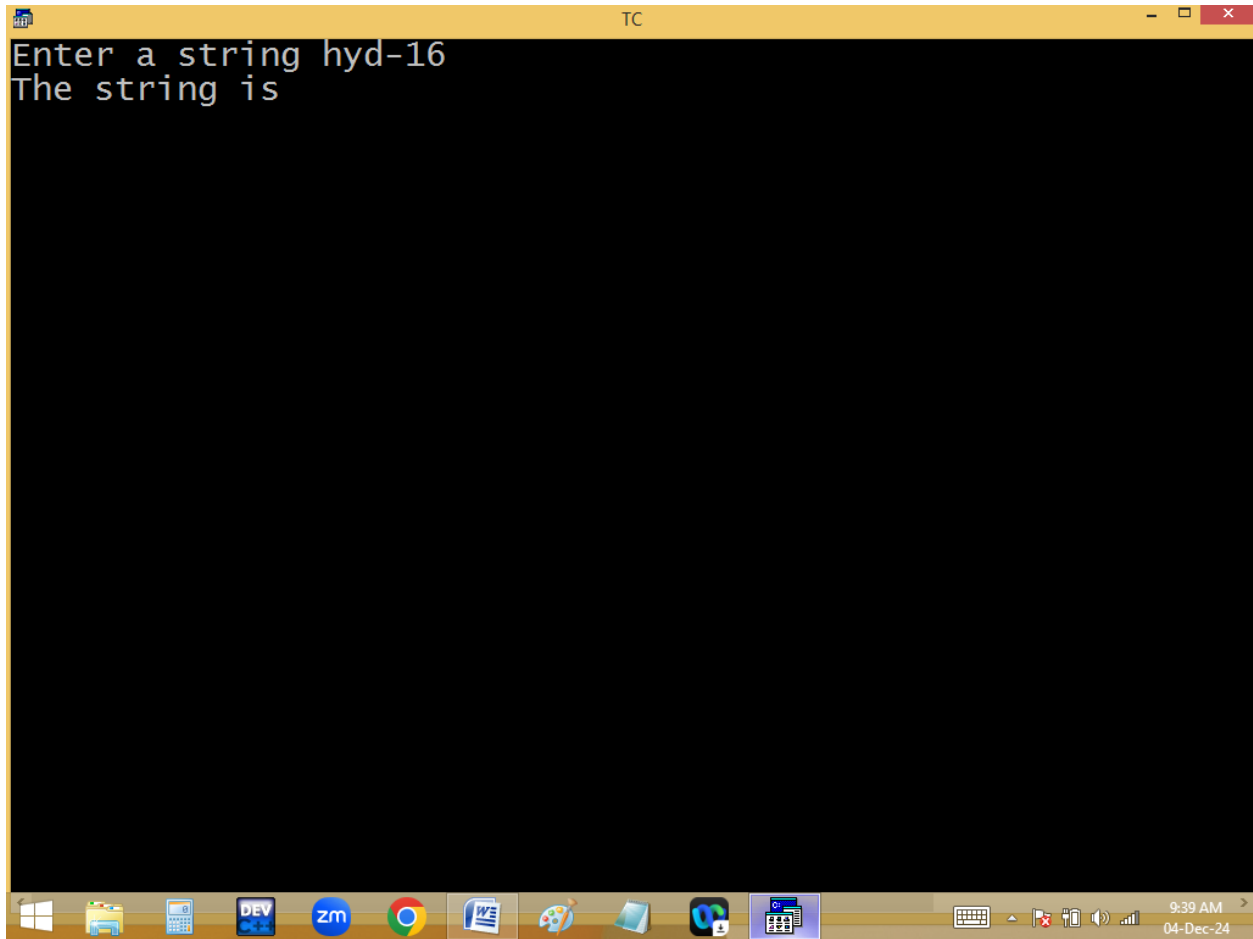


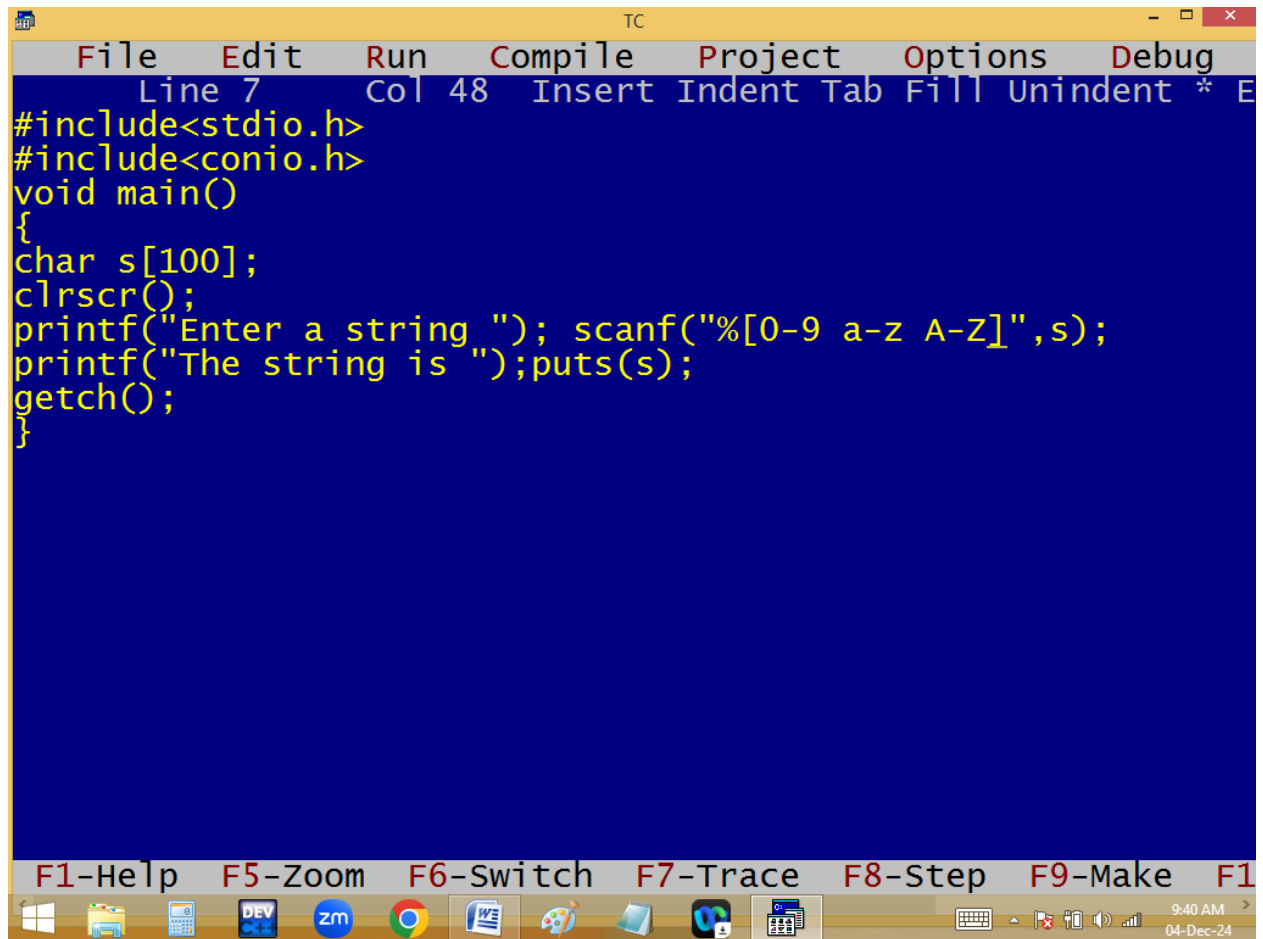


```
TC
File Edit Run Compile Project Options Debug
Line 7 Col 40 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
{
char s[100];
clrscr();
printf("Enter a string "); scanf("%[0-9]",s);
printf("The string is ");puts(s);
getch();
}
```

F1-Help F5-Zoom F6-Switch F7-Trace F8-Step F9-Make F10-Run

9:39 AM  
04-Dec-24

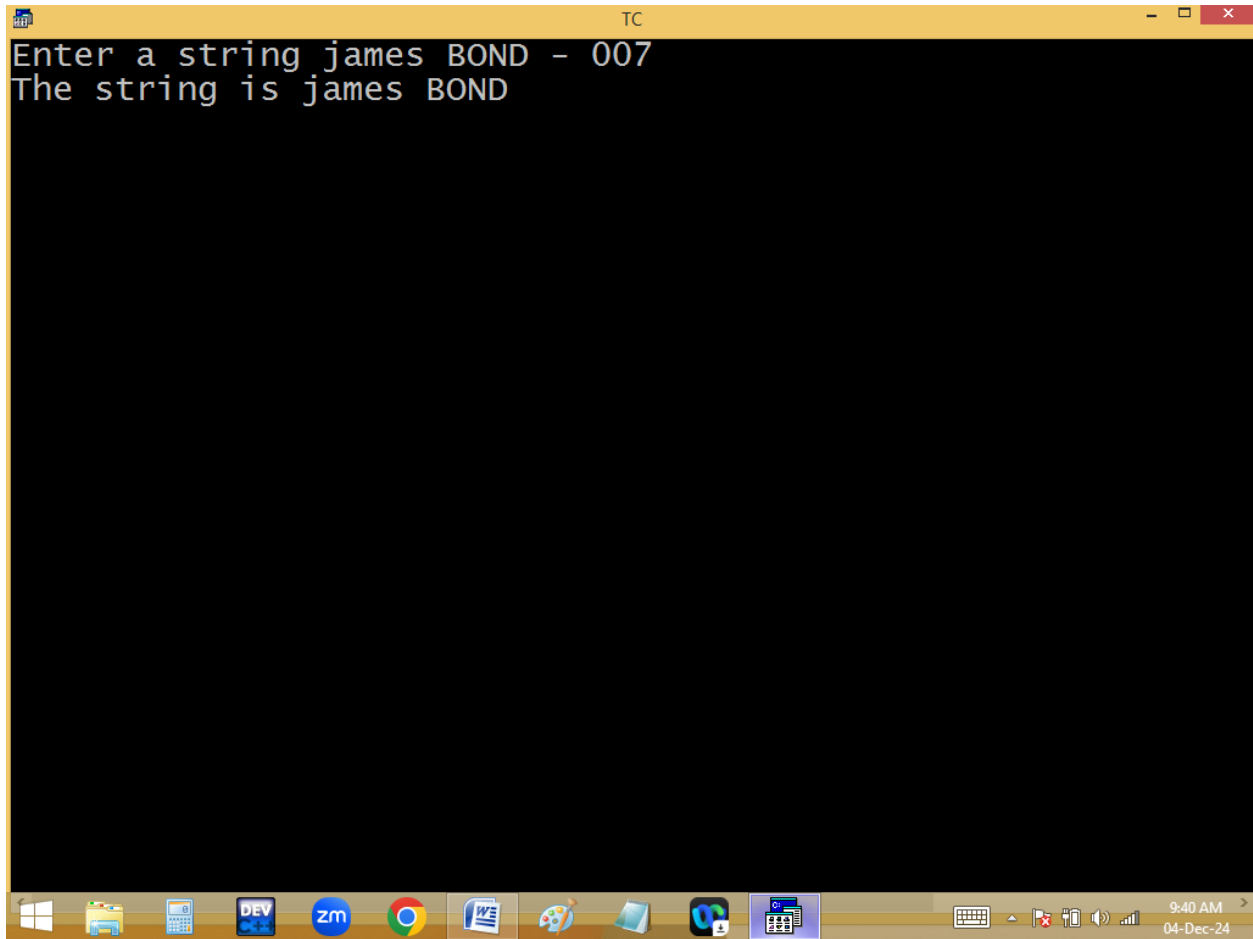




The image shows a screenshot of a Turbo C++ (TC) IDE window. The window has a yellow title bar with the text "TC" and standard window controls. The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, a status bar shows "Line 7", "Col 48", and a list of editing actions: "Insert", "Indent", "Tab", "Fill", "Unindent", and a cursor icon. The main editing area has a blue background and contains the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
char s[100];
clrscr();
printf("Enter a string "); scanf("%[0-9 a-z A-Z]",s);
printf("The string is ");puts(s);
getch();
}
```

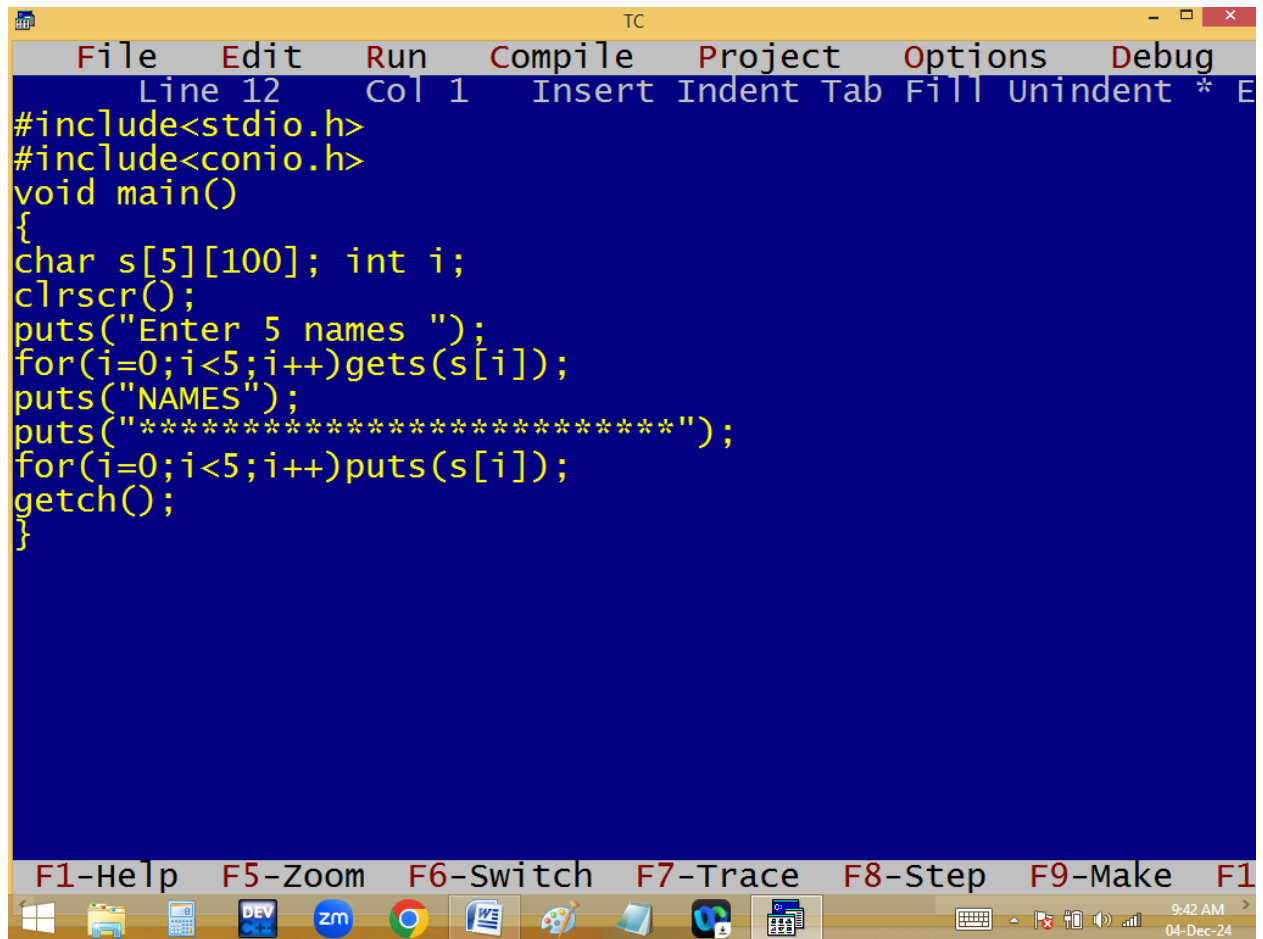
At the bottom of the window, there is a toolbar with function key shortcuts: "F1-Help", "F5-Zoom", "F6-Switch", "F7-Trace", "F8-Step", "F9-Make", and "F10-Run". Below the toolbar is the Windows taskbar, which includes icons for the Start button, File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Word, Paint, and a folder. The system tray on the right shows the time as "9:40 AM" and the date as "04-Dec-24".



The image shows a screenshot of a Turbo C++ (TC) window. The window has a yellow title bar with the text "TC" and standard window controls. The main area is black with white text. The first line of text is "Enter a string james BOND - 007", and the second line is "The string is james BOND". The window is positioned on a Windows desktop with a taskbar at the bottom. The taskbar contains icons for Windows, File Explorer, Calculator, DEV, zm, Chrome, Word, a game controller, a folder, a game, and a calendar. The system tray on the right shows the time as 9:40 AM and the date as 04-Dec-24.

```
TC
Enter a string james BOND - 007
The string is james BOND
```

**Reading and printing multiple strings:**



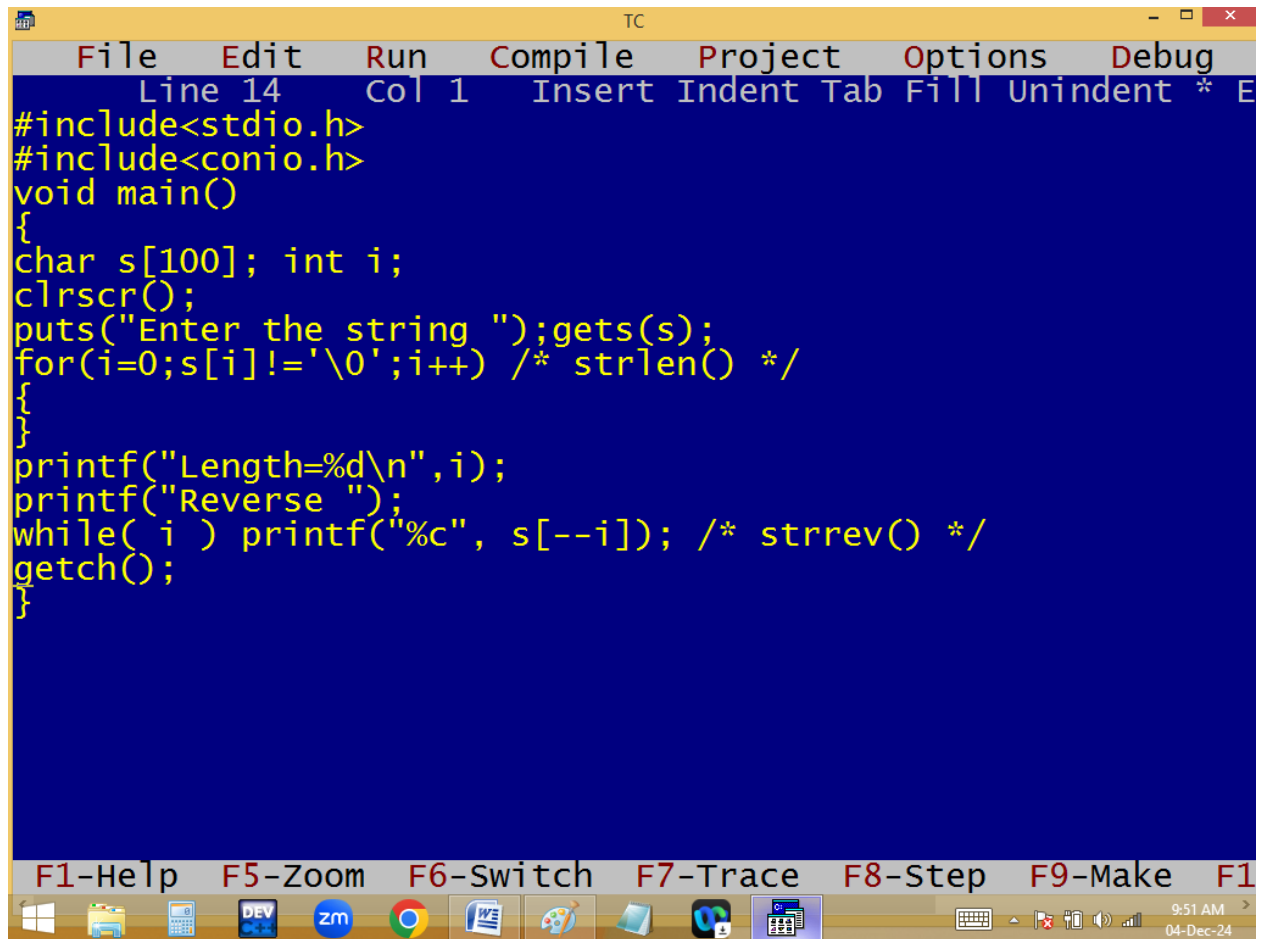
The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". The status bar at the top indicates "Line 12", "Col 1", and "Insert Indent Tab Fill Unindent \* E". The code is written in yellow text on a blue background. It includes headers for `stdio.h` and `conio.h`, and defines a `main` function. Inside `main`, it declares a 2D character array `s[5][100]` and an integer `i`. It calls `clrscr()` to clear the screen, then prompts the user to "Enter 5 names". A `for` loop from `i=0` to `i<5` uses `gets(s[i])` to read names. It then prints "NAMES" followed by a separator line of asterisks. Another `for` loop from `i=0` to `i<5` prints each name using `puts(s[i])`. The program ends with `getch()` and a closing brace for `main`. The bottom status bar shows function key shortcuts: "F1-Help", "F5-Zoom", "F6-Switch", "F7-Trace", "F8-Step", "F9-Make", and "F10-Run". The Windows taskbar at the bottom includes icons for the Start menu, File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Word, Paint, and a folder. The system clock shows "9:42 AM" and "04-Dec-24".

```
#include<stdio.h>
#include<conio.h>
void main()
{
char s[5][100]; int i;
clrscr();
puts("Enter 5 names ");
for(i=0;i<5;i++)gets(s[i]);
puts("NAMES");
puts("*****");
for(i=0;i<5;i++)puts(s[i]);
getch();
}
```

```
TC
Enter 5 names
surya kumar yadav
virat kohli
jaspreeth bhoomra
rohith sharma
subhman gill
NAMES
*****
surya kumar yadav
virat kohli
jaspreeth bhoomra
rohith sharma
subhman gill
_
```

Finding string length and reverse string using user defined program:

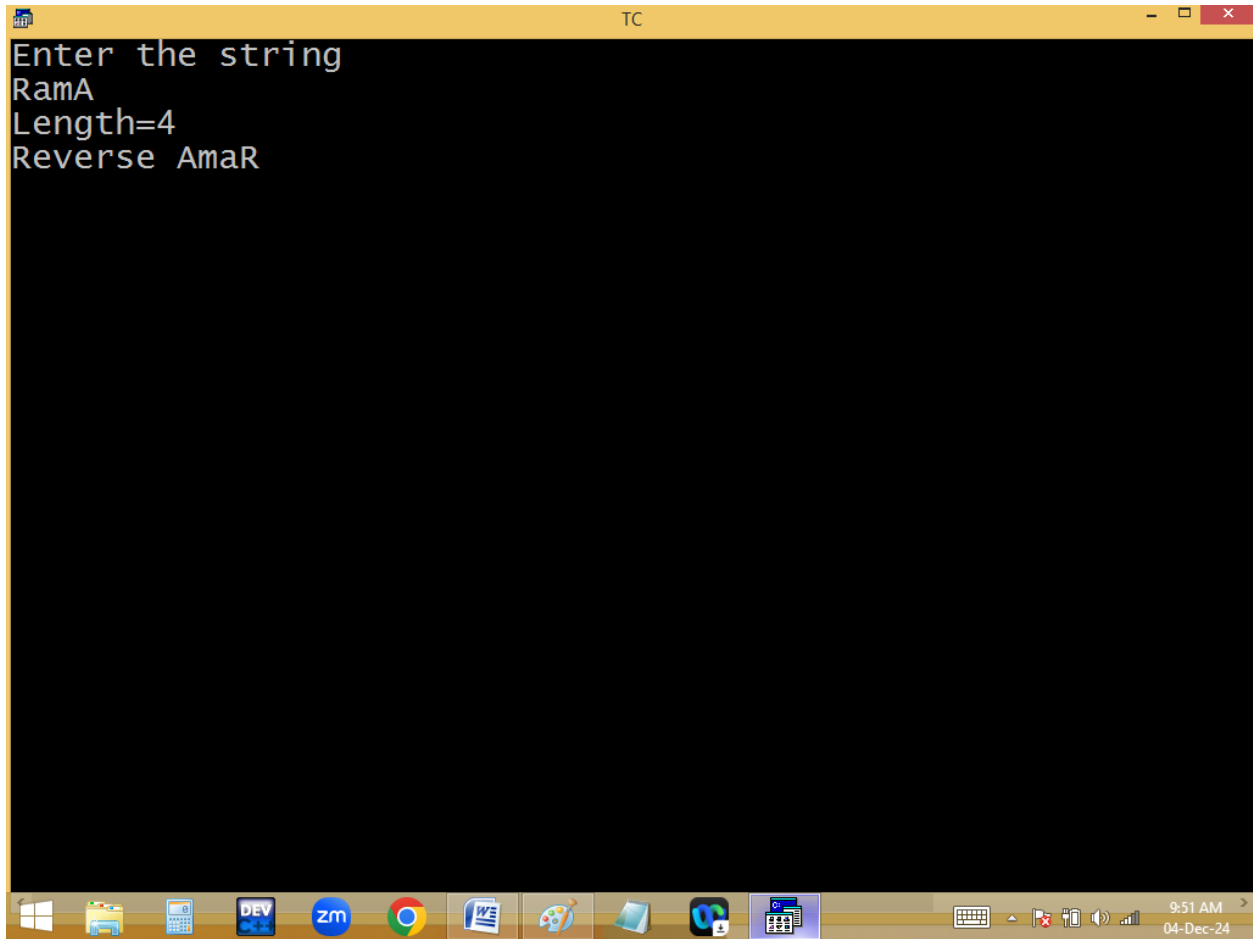


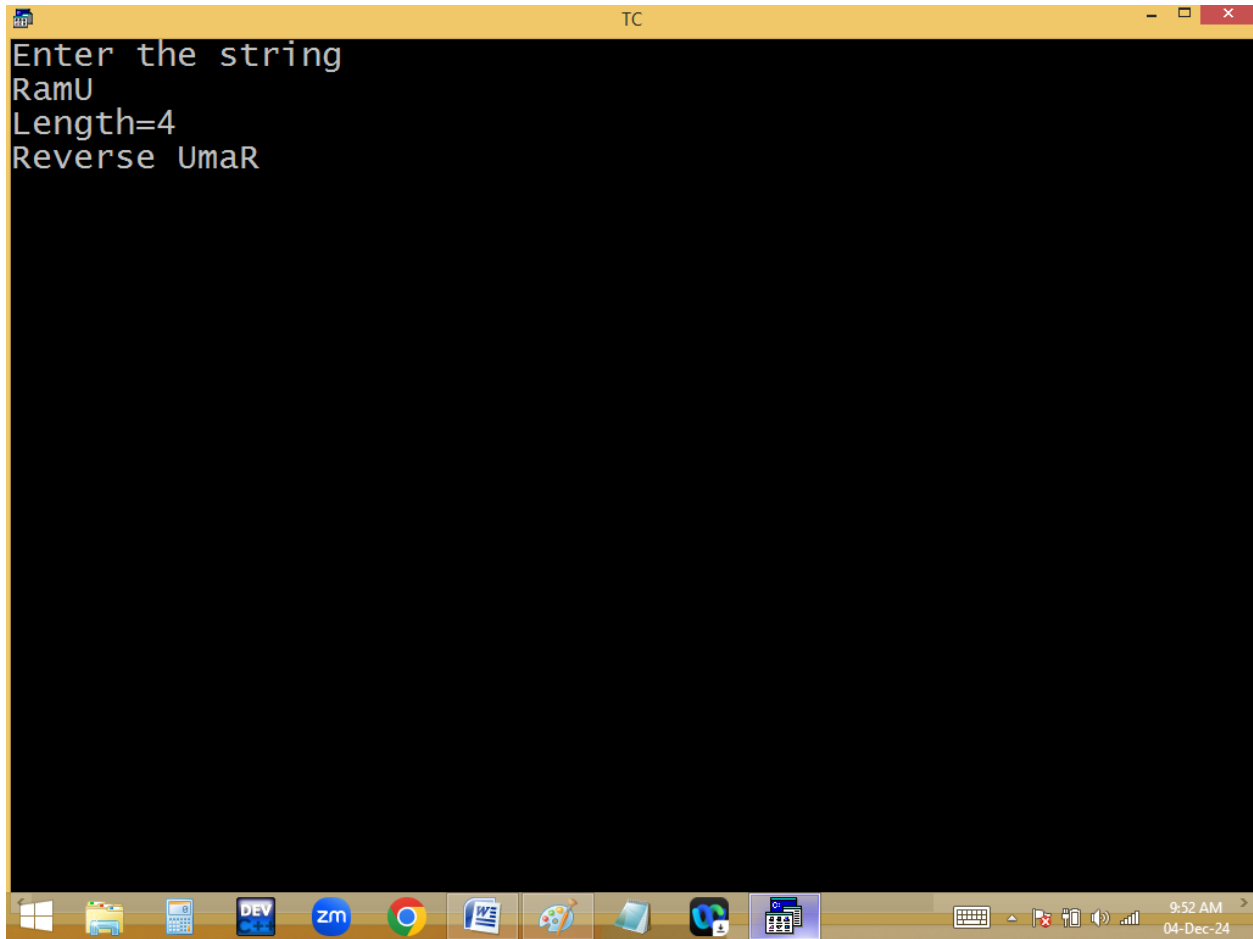


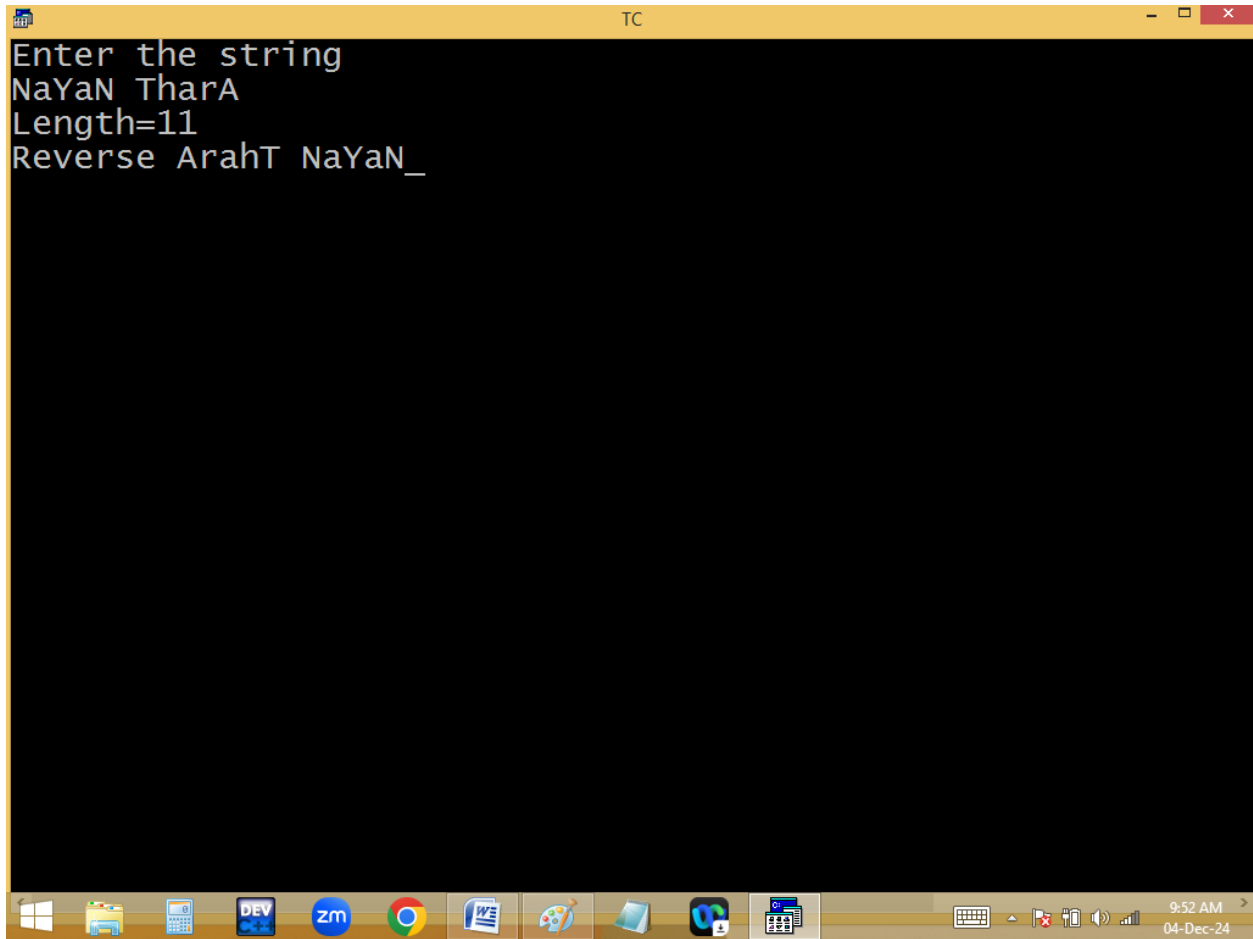
The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes File, Edit, Run, Compile, Project, Options, and Debug. The status bar at the top indicates "Line 14 Col 1" and lists keyboard shortcuts: Insert, Indent, Tab, Fill, Unindent, and \* E. The main editing area has a blue background and contains the following C code:

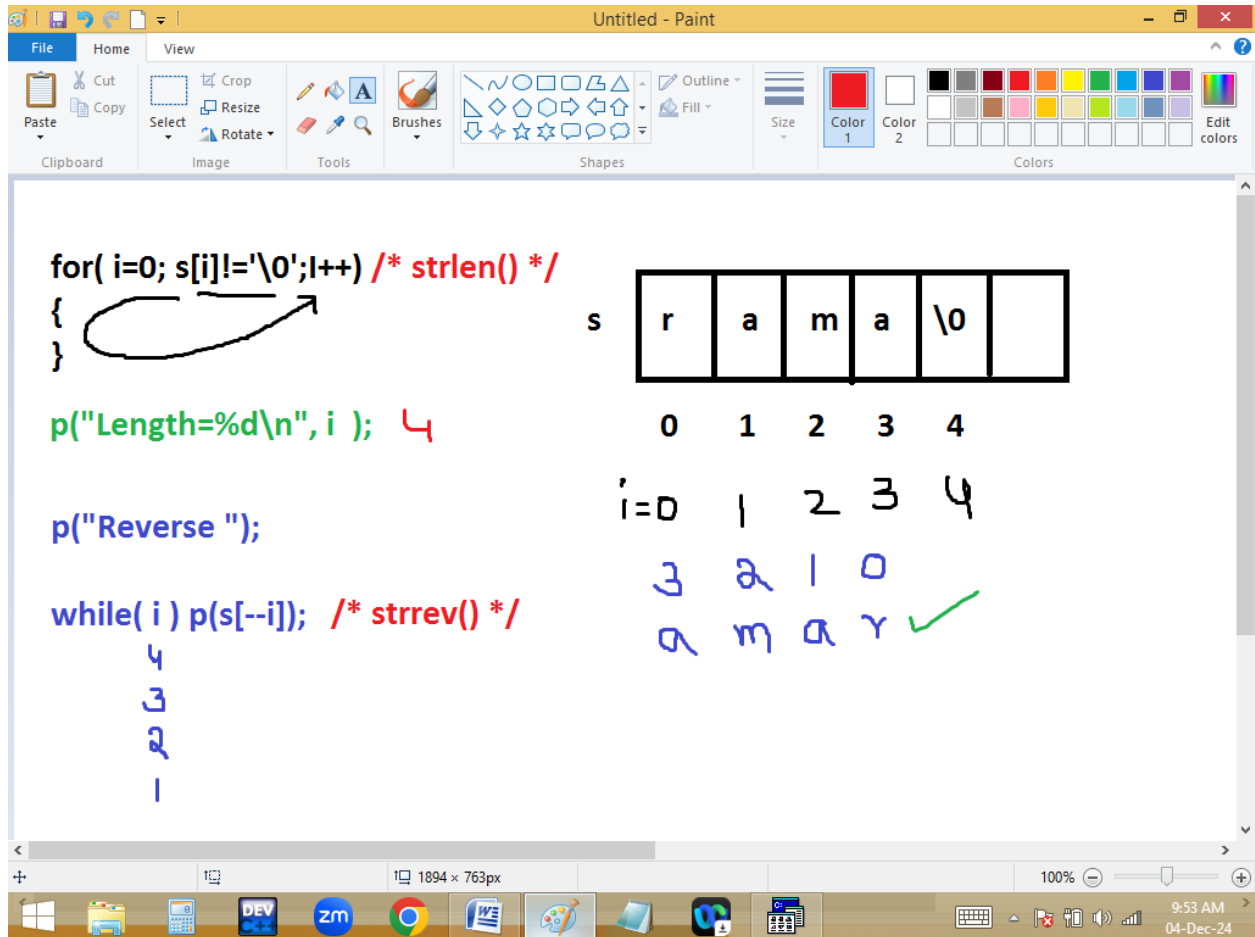
```
#include<stdio.h>
#include<conio.h>
void main()
{
char s[100]; int i;
clrscr();
puts("Enter the string ");gets(s);
for(i=0;s[i]!='\0';i++) /* strlen() */
{
}
printf("Length=%d\n",i);
printf("Reverse ");
while( i ) printf("%c", s[--i]); /* strrev() */
getch();
}
```

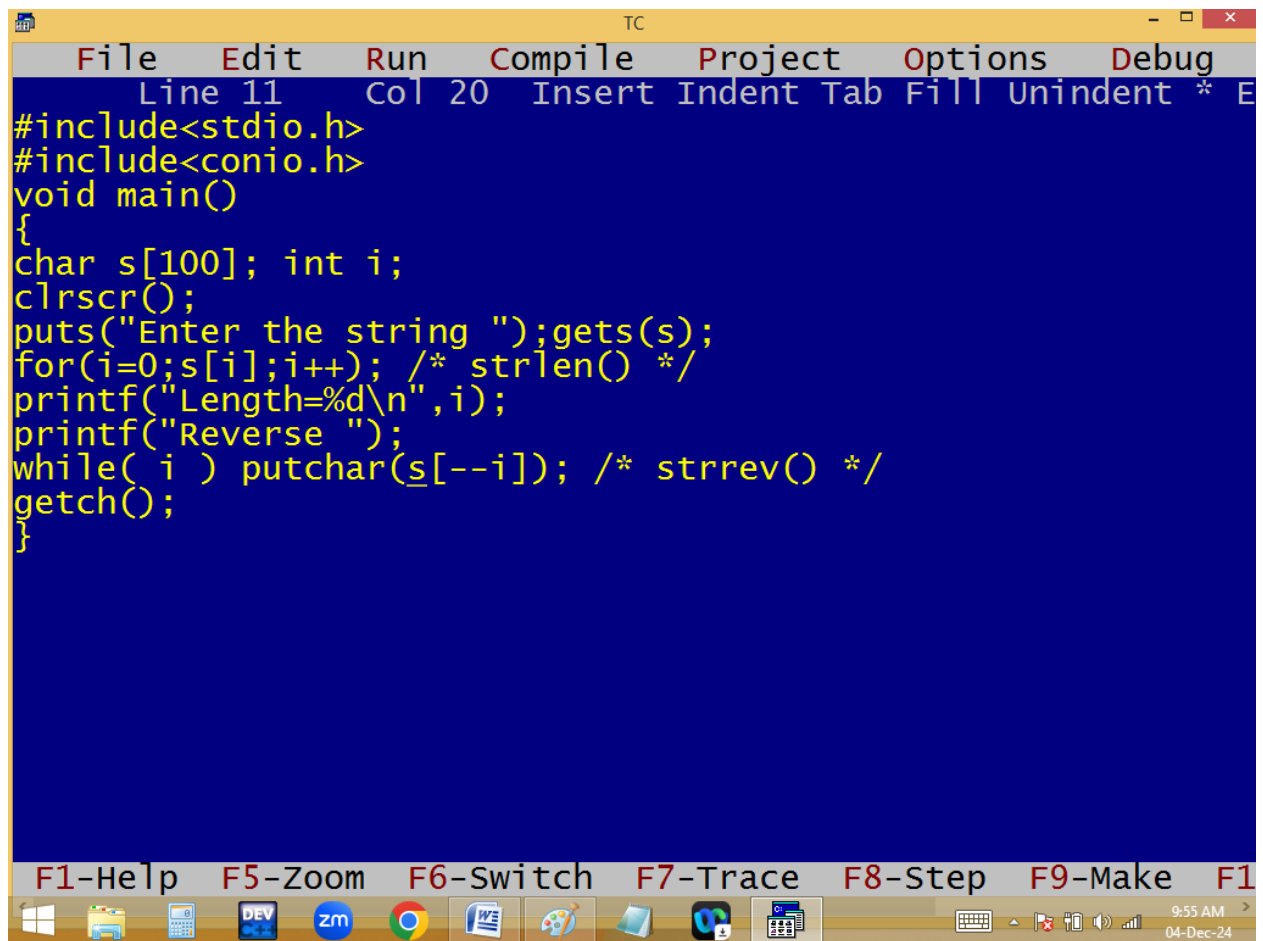
The bottom status bar shows function key shortcuts: F1-Help, F5-Zoom, F6-Switch, F7-Trace, F8-Step, F9-Make, and F1. Below the IDE window is the Windows taskbar with icons for File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Word, Paint, and VS Code. The system tray on the right shows the time as 9:51 AM and the date as 04-Dec-24.











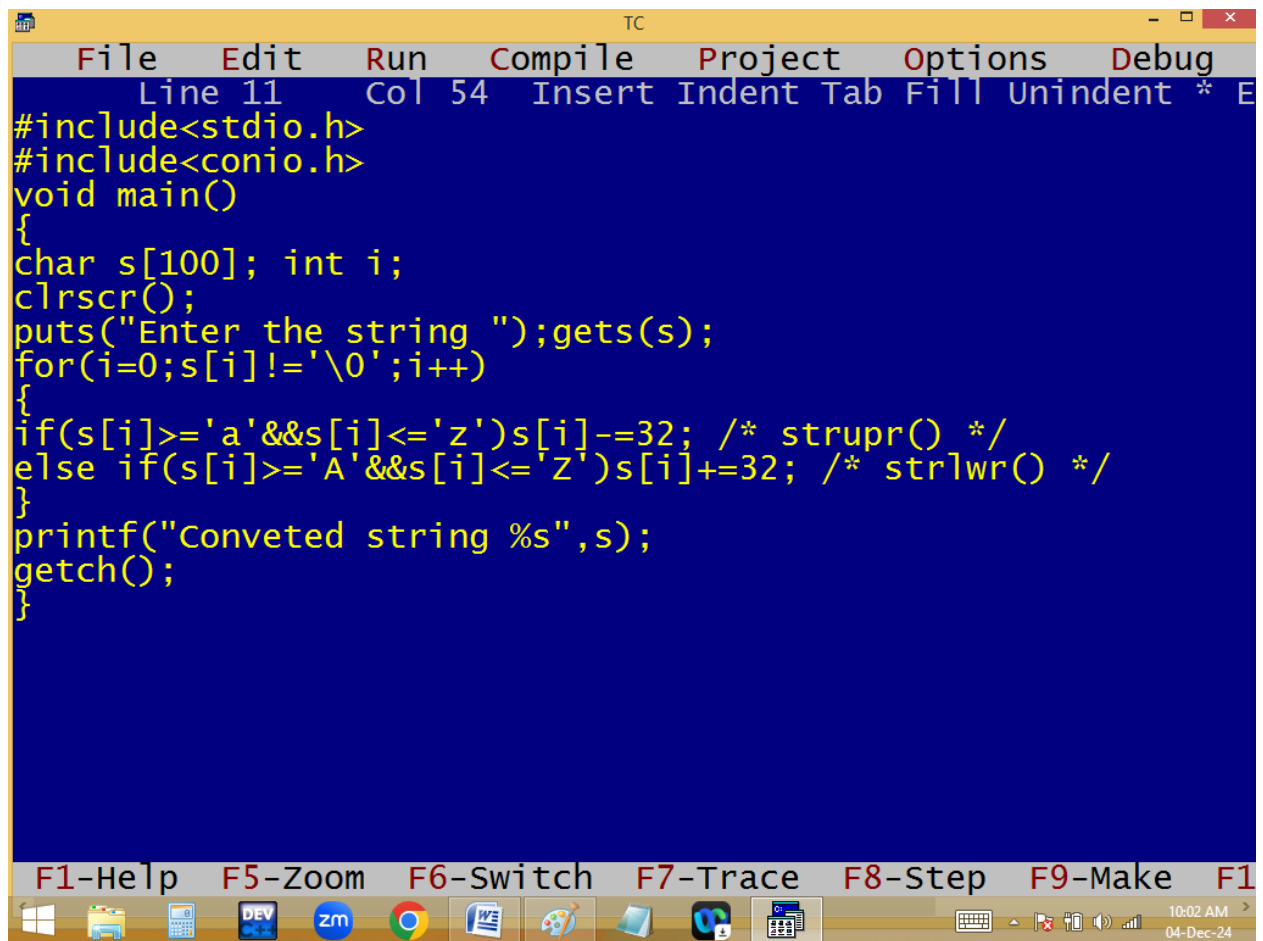
The image shows a screenshot of a Turbo C++ (TC) IDE window. The title bar at the top reads "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, a status line indicates "Line 11 Col 20" and provides keyboard shortcuts: "Insert", "Indent", "Tab", "Fill", "Unindent", and a help key. The main editing area has a blue background and contains the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
char s[100]; int i;
clrscr();
puts("Enter the string ");gets(s);
for(i=0;s[i];i++); /* strlen() */
printf("Length=%d\n",i);
printf("Reverse ");
while( i ) putchar(s[--i]); /* strrev() */
getch();
}
```

Below the code editor, a toolbar contains function key shortcuts: "F1-Help", "F5-Zoom", "F6-Switch", "F7-Trace", "F8-Step", "F9-Make", and "F10-Run". The Windows taskbar is visible at the bottom, showing icons for the Start menu, File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Word, Paint, and the Turbo C++ application. The system tray on the right shows the time as "9:55 AM" and the date as "04-Dec-24".

```
TC
Enter the string
NitiN VarMA
Length=11
Reverse AmraV NitiN
```

Lower to upper / upper to lower:

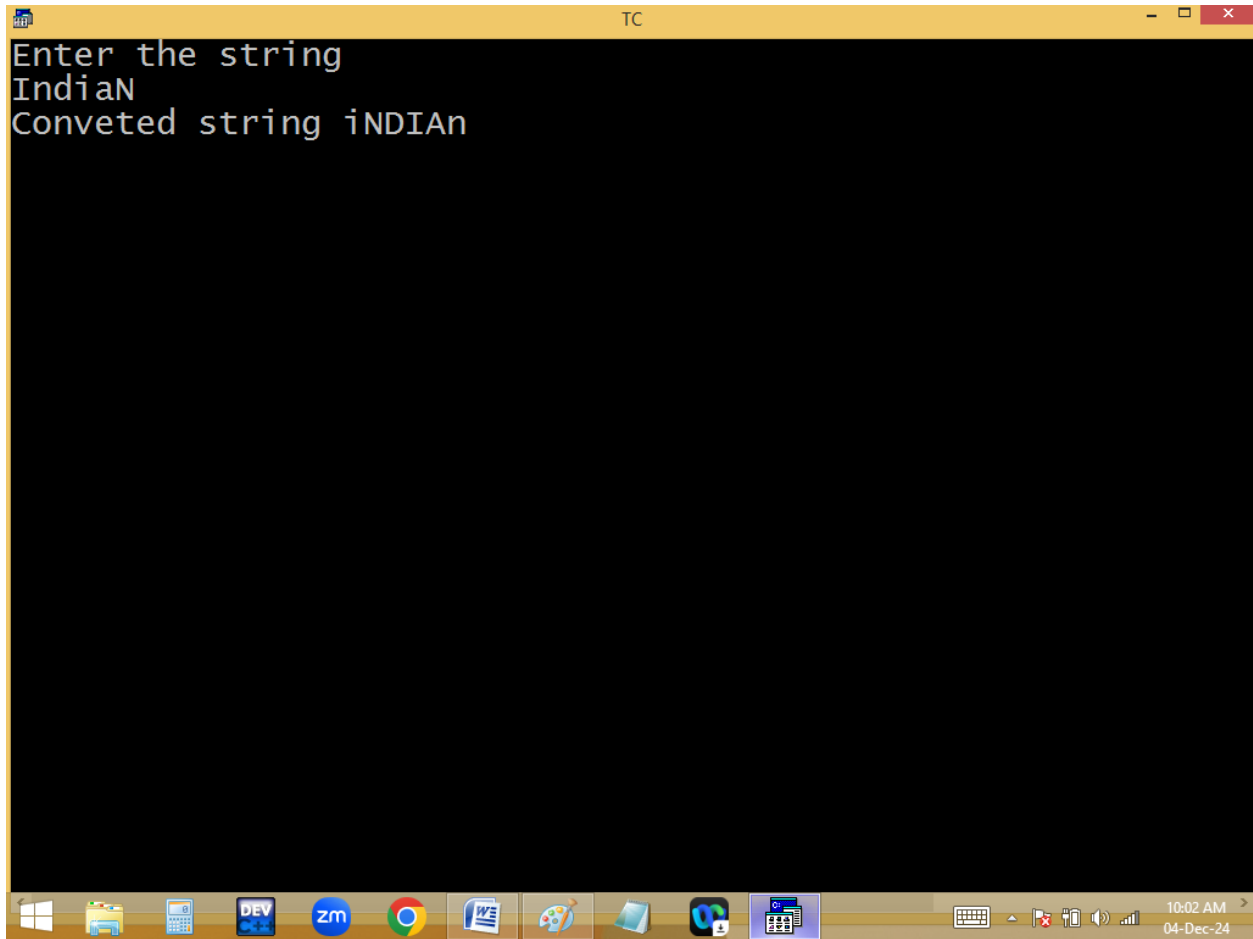


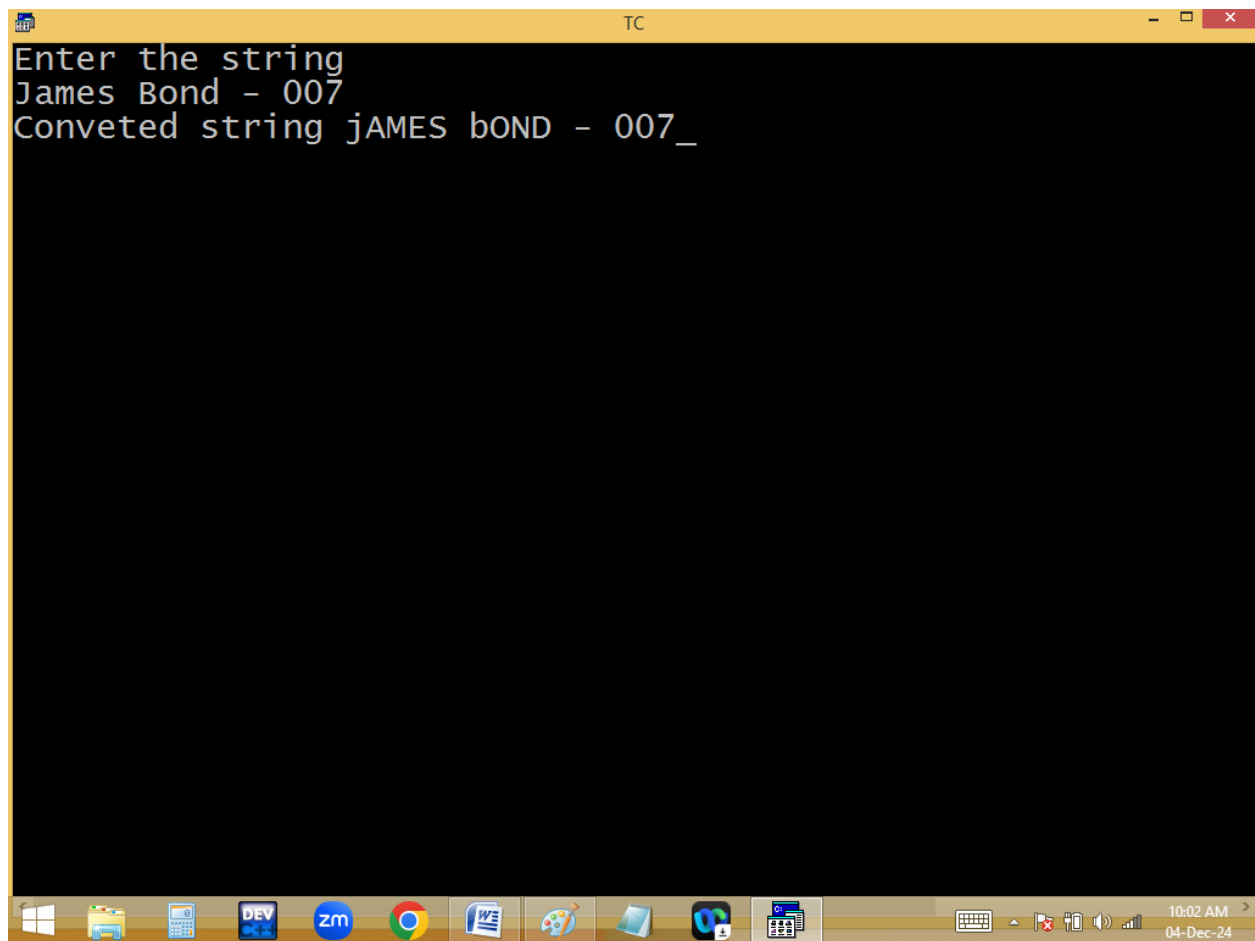
The image shows a screenshot of a Turbo C++ (TC) IDE window. The window has a yellow title bar with the text "TC" and standard window controls. The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, a status bar shows "Line 11", "Col 54", and a list of editing actions: "Insert", "Indent", "Tab", "Fill", "Unindent", and a cursor icon. The main editing area has a blue background and contains the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
char s[100]; int i;
clrscr();
puts("Enter the string ");gets(s);
for(i=0;s[i]!='\0';i++)
{
if(s[i]>='a'&& s[i]<='z')s[i]-=32; /*strupr() */
else if(s[i]>='A'&& s[i]<='Z')s[i]+=32; /*strlwr() */
}
printf("Conveted string %s",s);
getch();
}
```

At the bottom of the window, there is a toolbar with function key shortcuts: "F1-Help", "F5-Zoom", "F6-Switch", "F7-Trace", "F8-Step", "F9-Make", and "F10-Run". Below the toolbar is the Windows taskbar, which includes icons for the Start button, File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Notepad, Paint, and a folder icon. The system tray on the right shows the time as "10:02 AM" and the date as "04-Dec-24".



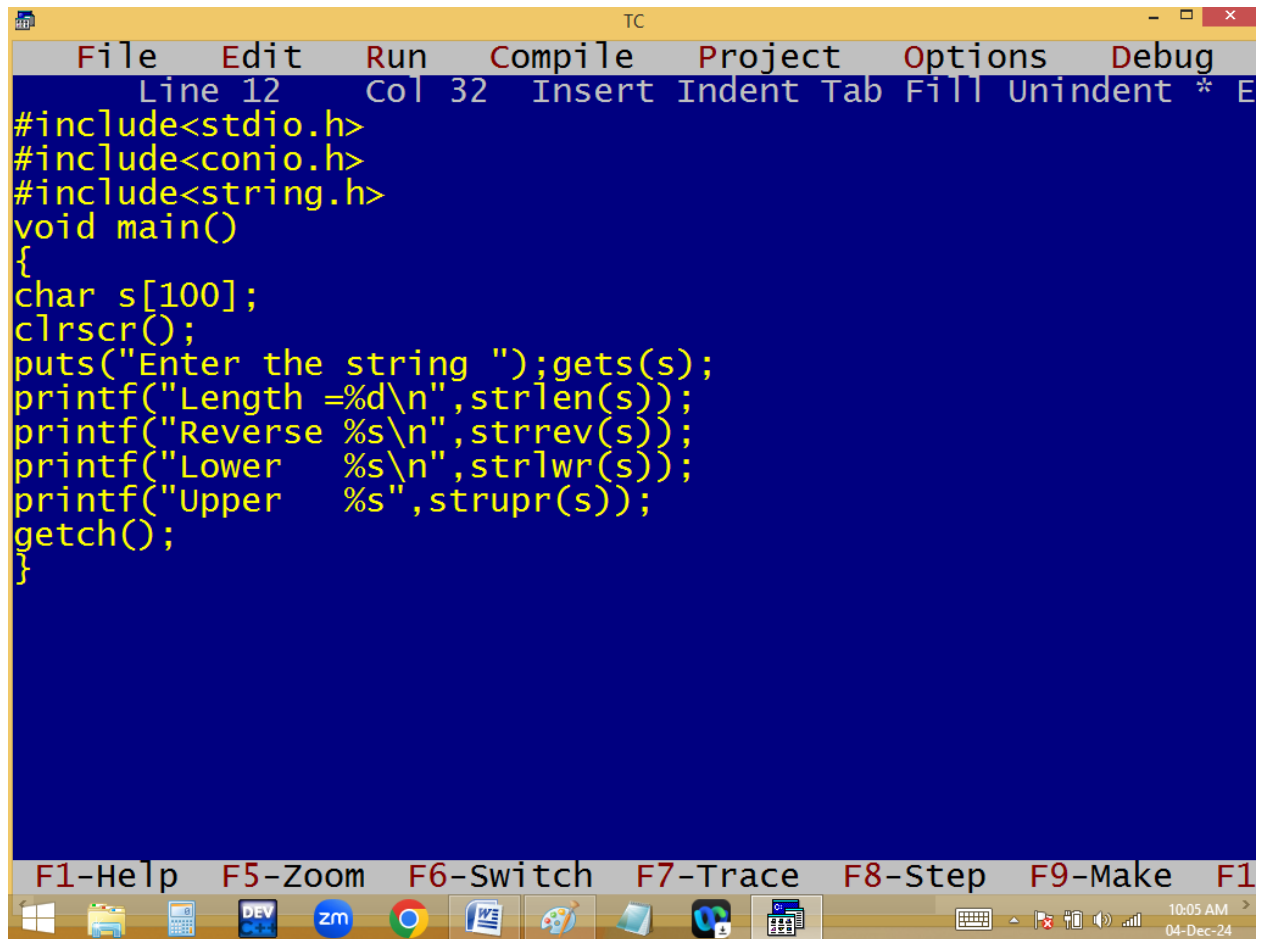




The image shows a screenshot of a Turbo C++ (TC) compiler window. The window has a yellow title bar with the text "TC" and standard window controls. The main area is black with white text. The text displayed is: "Enter the string", "James Bond - 007", and "Conveted string jAMES bOND - 007\_". The word "Conveted" is misspelled. The Windows taskbar is visible at the bottom, showing various application icons and the system clock indicating 10:02 AM on 04-Dec-24.

```
Enter the string
James Bond - 007
Conveted string jAMES bOND - 007_
```

Using predefined functions:



The image shows a screenshot of the Turbo C++ (TC) IDE. The window title is "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, the status bar shows "Line 12", "Col 32", and "Insert Indent Tab Fill Unindent \* E". The main editing area has a blue background and contains the following C code:

```
#include<stdio.h>
#include<conio.h>
#include<string.h>
void main()
{
char s[100];
clrscr();
puts("Enter the string ");gets(s);
printf("Length =%d\n",strlen(s));
printf("Reverse %s\n",strrev(s));
printf("Lower %s\n",strlwr(s));
printf("Upper %s",strupr(s));
getch();
}
```

Below the code editor, there is a toolbar with function key shortcuts: "F1-Help", "F5-Zoom", "F6-Switch", "F7-Trace", "F8-Step", "F9-Make", and "F10-Run". The Windows taskbar is visible at the bottom, showing icons for the Start menu, File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Word, Paint, and the Turbo C++ application. The system clock in the bottom right corner displays "10:05 AM" and "04-Dec-24".

```
TC
Enter the string
Hello
Length =5
Reverse 0lleH
Lower   0lleh
Upper   OLLEH_
```

**Finding no of vowels, consonants, digits, special char's and spaces in given string.**

Bahu Bali – 2

Output:

Vowels – 4

Consonants – 4

Digits – 1

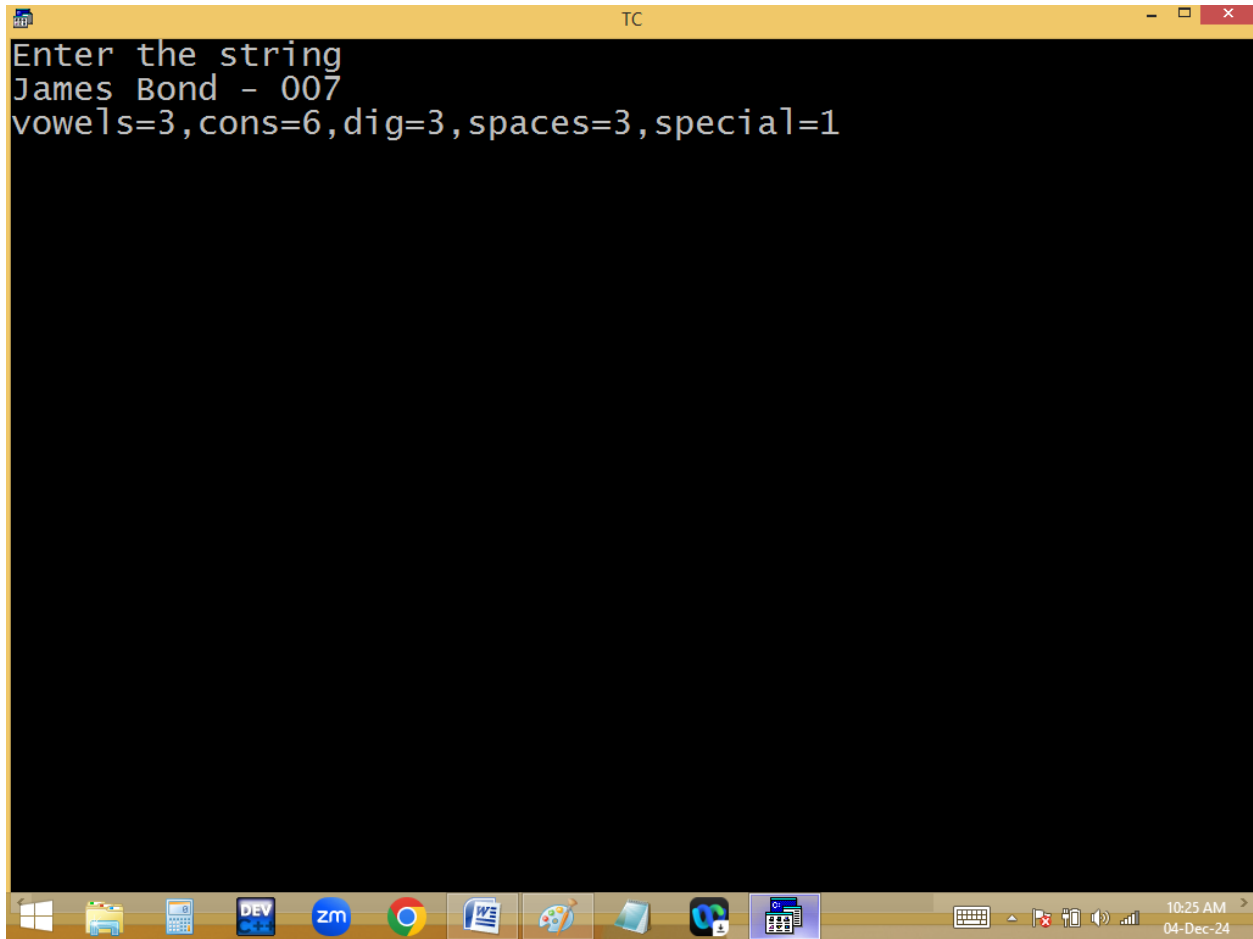
Spaces = 3

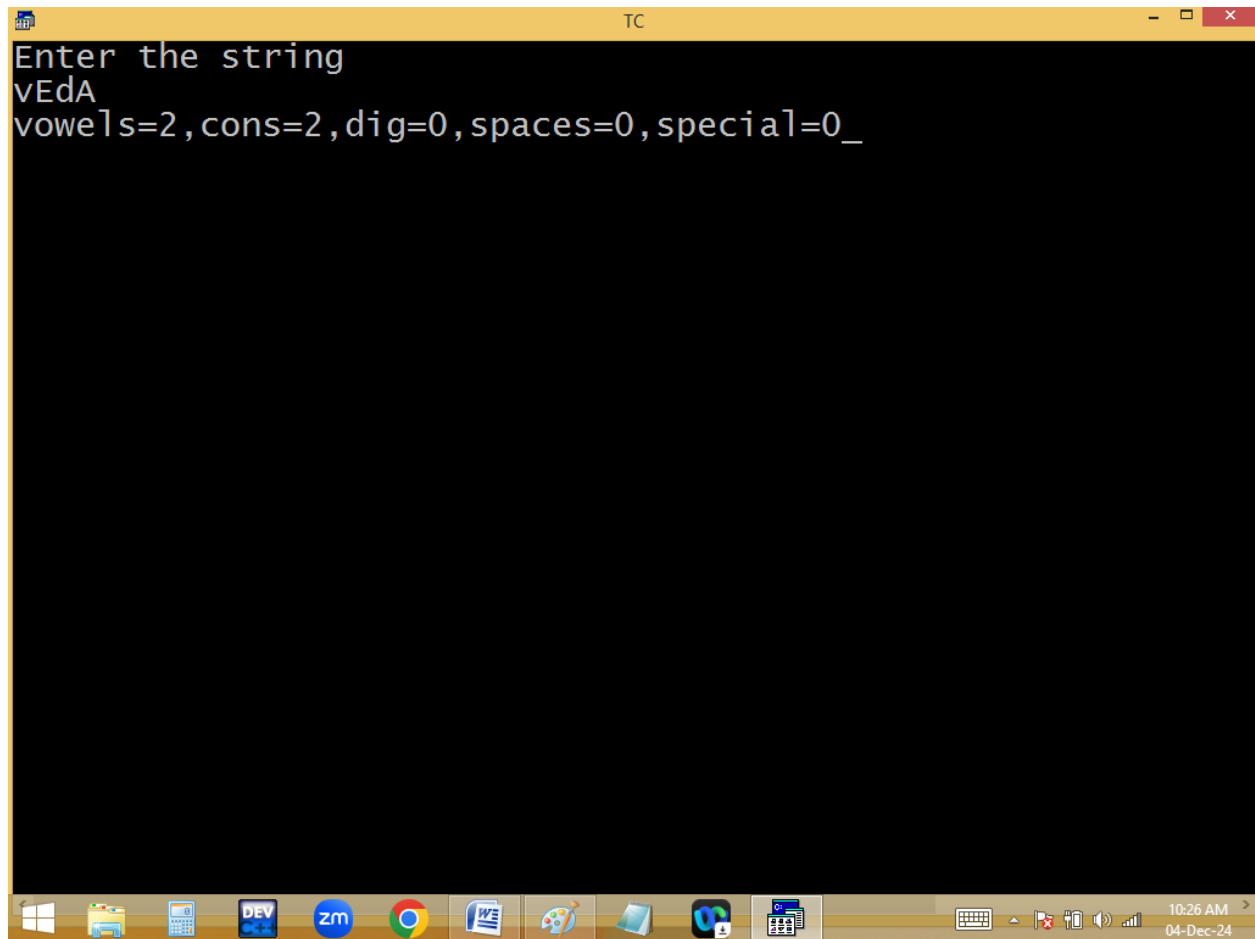
Special - 1

```
TC
File Edit Run Compile Project Options Debug
Line 5 Col 35 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
{
char s[100]; int i,v,c,d,spa,spe; clrscr();
puts("Enter the string ");gets(s);
for(v=c=d=spa=spe=i=0;s[i]!='\0';i++)
{
if(s[i]>='A'&&s[i]<='Z')s[i]+=32; /* strlwr*/
if(s[i]>='a' && s[i]<='z')
{
if(s[i]=='a' || s[i]=='e' || s[i]=='i' || s[i]=='o' || s[i]=='u')
v++; else c++;
}
else if(s[i]>='0'&&s[i]<='9')d++;
else if(s[i]==' ')spa++;
else spe++;
}
printf("vowels=%d,cons=%d,dig=%d,spaces=%d,special=%d",
v,c,d,spa,spe);
getch();
}
```

F1-Help F5-Zoom F6-Switch F7-Trace F8-Step F9-Make F10-Run

10:25 AM 04-Dec-24





```
TC
Enter the string
vEdA
vowels=2, cons=2, dig=0, spaces=0, special=0_
```

Using predefined functions:



```
TC
File Edit Run Compile Project Options Debug
Line 16 Col 12 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
#include<string.h>
#include<ctype.h>
void main()
{
char s[100]; int i,v,c,d,spa,spe; clrscr();
puts("Enter the string ");gets(s); strlwr(s);
for(v=c=d=spa=spe=i=0;s[i]!='\0';i++)
{
if(isalpha(s[i]))
{
if(s[i]=='a' || s[i]=='e' || s[i]=='i' || s[i]=='o' || s[i]=='u')v++;
}
else if(isdigit(s[i]))d++;
else if(isspace(s[i]))spa++;
else spe++;
}
printf("vowels=%d,cons=%d,dig=%d,spaces=%d,special=%d",
v,c,d,spa,spe);
getch();
}
```

F1-Help F5-Zoom F6-Switch F7-Trace F8-Step F9-Make F10-Run

10:33 AM 04-Dec-24

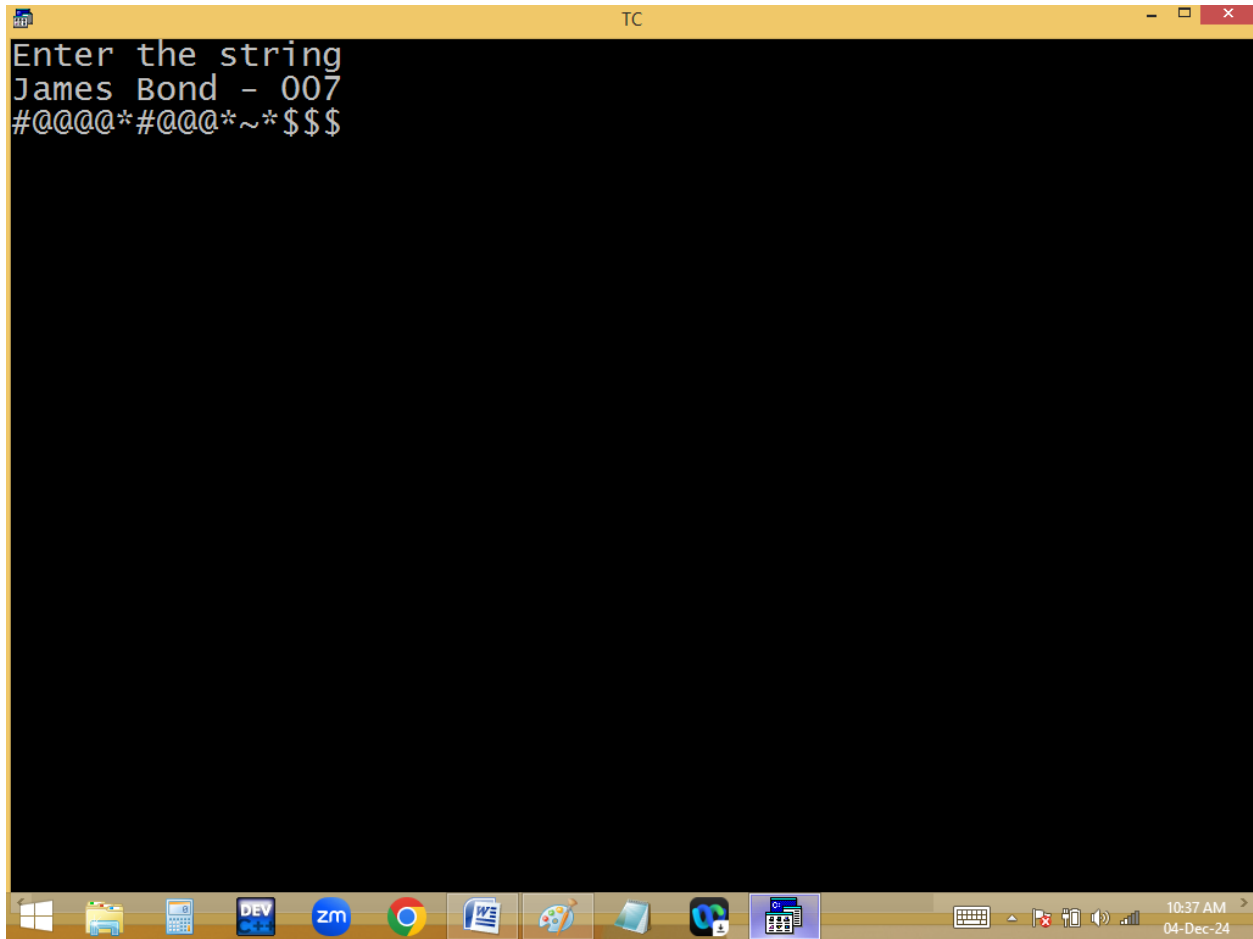
```
TC
Enter the string
Bahu Bali - 2
vowels=4,cons=4,dig=1,spaces=3,special=1
```

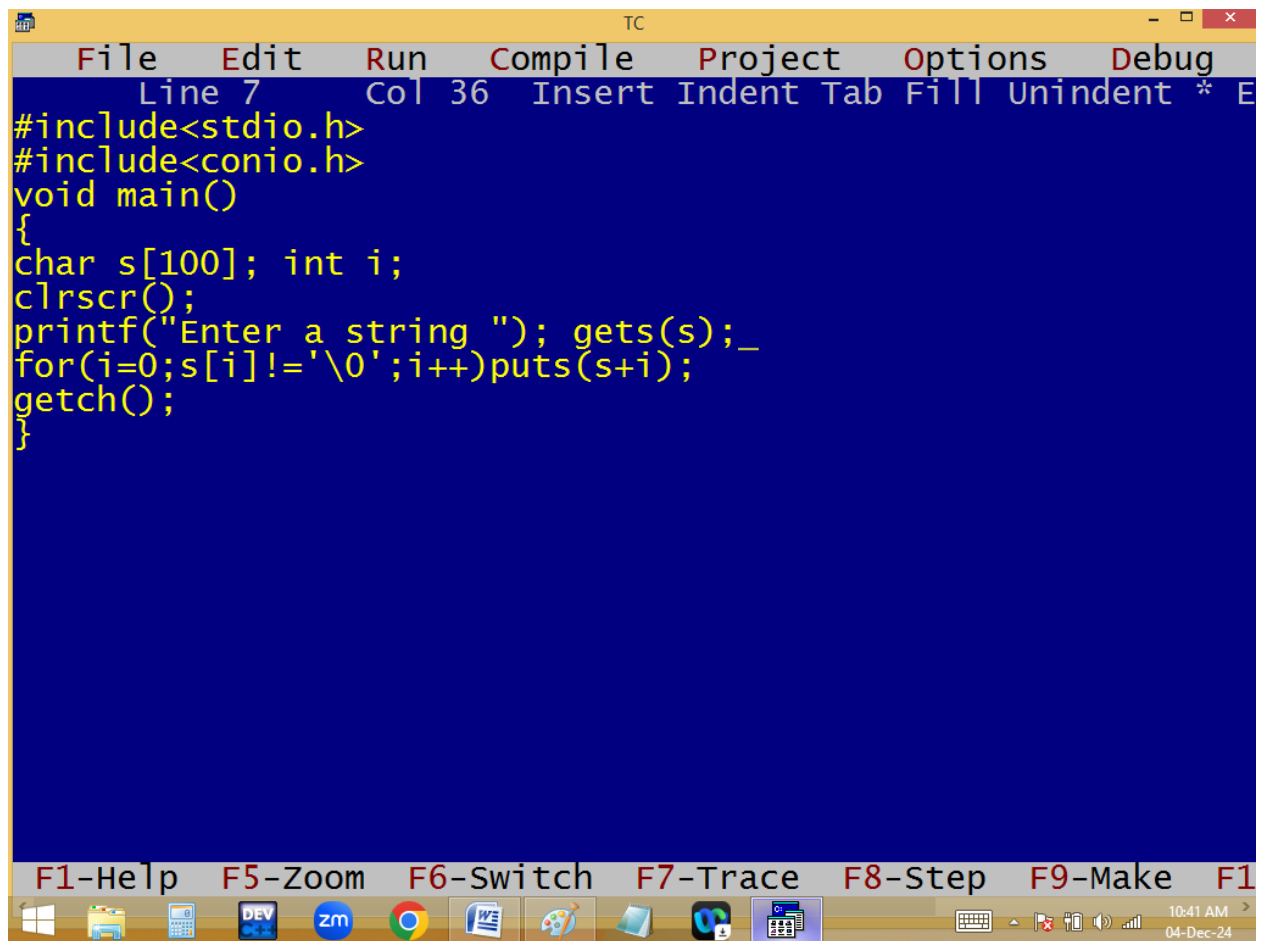
Replace lower/upper/digits/spaces/special with @/#/\$/\*/~

```
TC
File Edit Run Compile Project Options Debug
Line 13 Col 10 Insert Indent Tab Fill Unindent * E
#include<stdio.h>
#include<conio.h>
void main()
{
char s[100]; int i,v,c,d,spa,spe; clrscr();
puts("Enter the string ");gets(s);
for(i=0;s[i]!='\0';i++)
{
if(s[i]>='a' && s[i]<='z')s[i]='@';
else if(s[i]>='A' && s[i]<='Z')s[i]='#';
else if(s[i]>='0' && s[i]<='9')s[i]='$';
else if(s[i]==' ')s[i]='*';
else s[i]='~';
}
printf(s);
getch();
}
```

F1-Help F5-Zoom F6-Switch F7-Trace F8-Step F9-Make F10-Run

10:37 AM 04-Dec-24



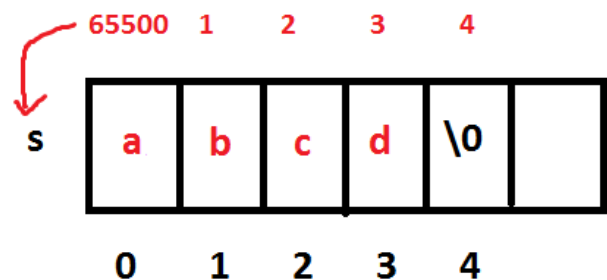


The image shows a screenshot of a Turbo C++ (TC) IDE window. The window has a yellow title bar with the text "TC" and standard window controls. The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", and "Debug". Below the menu bar, a status bar shows "Line 7", "Col 36", and a list of editing actions: "Insert", "Indent", "Tab", "Fill", "Unindent", and a cursor icon. The main editing area has a dark blue background with yellow text. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
char s[100]; int i;
clrscr();
printf("Enter a string "); gets(s);_
for(i=0;s[i]!='\0';i++)puts(s+i);
getch();
}
```

At the bottom of the window, there is a toolbar with function key shortcuts: "F1-Help", "F5-Zoom", "F6-Switch", "F7-Trace", "F8-Step", "F9-Make", and "F10-Run". Below the toolbar is the Windows taskbar, which includes icons for the Start button, File Explorer, Calculator, DEV C++, Zoom, Google Chrome, Word, Paint, and other applications. The system clock in the bottom right corner shows "10:41 AM" and "04-Dec-24".

```
TC
Enter a string Bharathi
Bharathi
harathi
arathi
rathi
athi
thi
hi
i
```



`for( i=0; s[i]!='\0'; i++ ) puts( s+i );`



$65500+0*1=65500$  to  $\backslash 0 \implies abcd$

$65500+1*1=65501$  to  $\backslash 0 \implies bcd$

$65500+2*1=65502$  to  $\backslash 0 \implies cd$

$65500+3*1=65503$  to  $\backslash 0 \implies d$

$65500+4*1=65504 \implies \backslash 0 \neq \backslash 0 \implies \text{False}$

## Home work:

1.

abcd

abc

ab

a

2. sachin ramesh tendulkar → s r t

Kabhi Kushi Kabhi Ghum – kkkg

Ranam Raudram Rudhiram – RRR

3. Jaanu I miss you → 4 words