

TC

File Edit Run Compile Project Options Debug Break/watch

Edit

Line 13 Col 8 Insert Indent Tab Fill Unindent * E:9AM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if(-1.1)
printf("a");
printf("b");
printf("c");
getch();
}

/*abc*/_
```

TC

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Edit

Line 13 Col 3 Insert Indent Tab Fill Unindent * E:9AM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if(0)
printf("a");
printf("b");
printf("c");
getch();
}

/*bc*/
```

TC

File Edit Run Compile Project Options Debug Break/watch

Edit

Line 9 Col 2 Insert Indent Tab Fill Unindent * E:9AM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if(0)
{
printf("a");
}_
printf("b");
printf("c");
getch();
}

/*bc*/
```

TC

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Edit

Line 15 Col 4 Insert Indent Tab Fill Unindent * E:9AM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if(0.01)
{
printf("a");
printf("b");
printf("c");
}
getch();
}

/*abc*/
```

TC

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Edit

Line 15 Col 15 Insert Indent Tab Fill Unindent * E:9AM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if(0)
{
printf("a");
printf("b");
printf("c");
}
getch();
}

/*Blank screen*/
```

TC

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Edit

Line 15 Col 8 Insert Indent Tab Fill Unindent * E:9AM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if(0);
{
printf("a");
printf("b");
printf("c");
}
getch();
}

/* abc _/
```

TC

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Edit

Error: Statement missing ; in function main

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if(0)
}

/* Error */
```

TC

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Edit

Line 11 Col 18 Insert Indent Tab Fill Unindent * E:9AM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0,b=5,c=20;
clrscr();
if(a++)b++, c++; printf("a=%d, b=%d, c=%d",a,b,c);
getch();
}

/* a=1, b=5, c=20_*/
```

TC

File Edit Run Compile Project Options Debug Break/watch

Edit

Line 11 Col 18 Insert Indent Tab Fill Unindent * E:9AM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0,b=5,c=20;
clrscr();
if(a=1)b++, c++; printf("a=%d, b=%d, c=%d",a,b,c);
getch();
}

/* a=1, b=6, c=21_*/
```

TC

File Edit Run Compile Project Options Debug Break/watch

Edit

Line 11 Col 18 Insert Indent Tab Fill Unindent * E:9AM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0,b=5,c=20;
clrscr();
if(a=0.1)b++, c++; printf("a=%d, b=%d, c=%d",a,b,c);
getch();
}

/* a=0, b=5, c=20_*/
```


TC

File Edit Run Compile Project Options Debug Break/watch

Edit

Line 11 Col 18 Insert Indent Tab Fill Unindent * E:9AM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0,b=5,c=20;
clrscr();
if(a=0.1)b++; c++; printf("a=%d, b=%d, c=%d",a,b,c);
getch();
}

/* a=0, b=5, c=21 */
```

TC

File Edit Run Compile Project Options Debug Break/watch

Edit

Line 11 Col 12 Insert Indent Tab Fill Unindent * E:9AM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0,b=5,c=20;
clrscr();
if(++a)b++; c++; printf("a=%d, b=%d, c=%d",a,b,c);
getch();
}

/* a=1, b=6, c=21 */
```

TC

File Edit Run Compile Project Options Debug Break/watch

Edit

Line 11 Col 14 Insert Indent Tab Fill Unindent * E:9AM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0,b=5,c=20;
clrscr();
if(printf(""))b++; c++; printf("a=%d, b=%d, c=%d",a,b,c);
getch();
}

/* a=0, b=5, c=21 */
```

TC

File Edit Run Compile Project Options Debug Break/watch

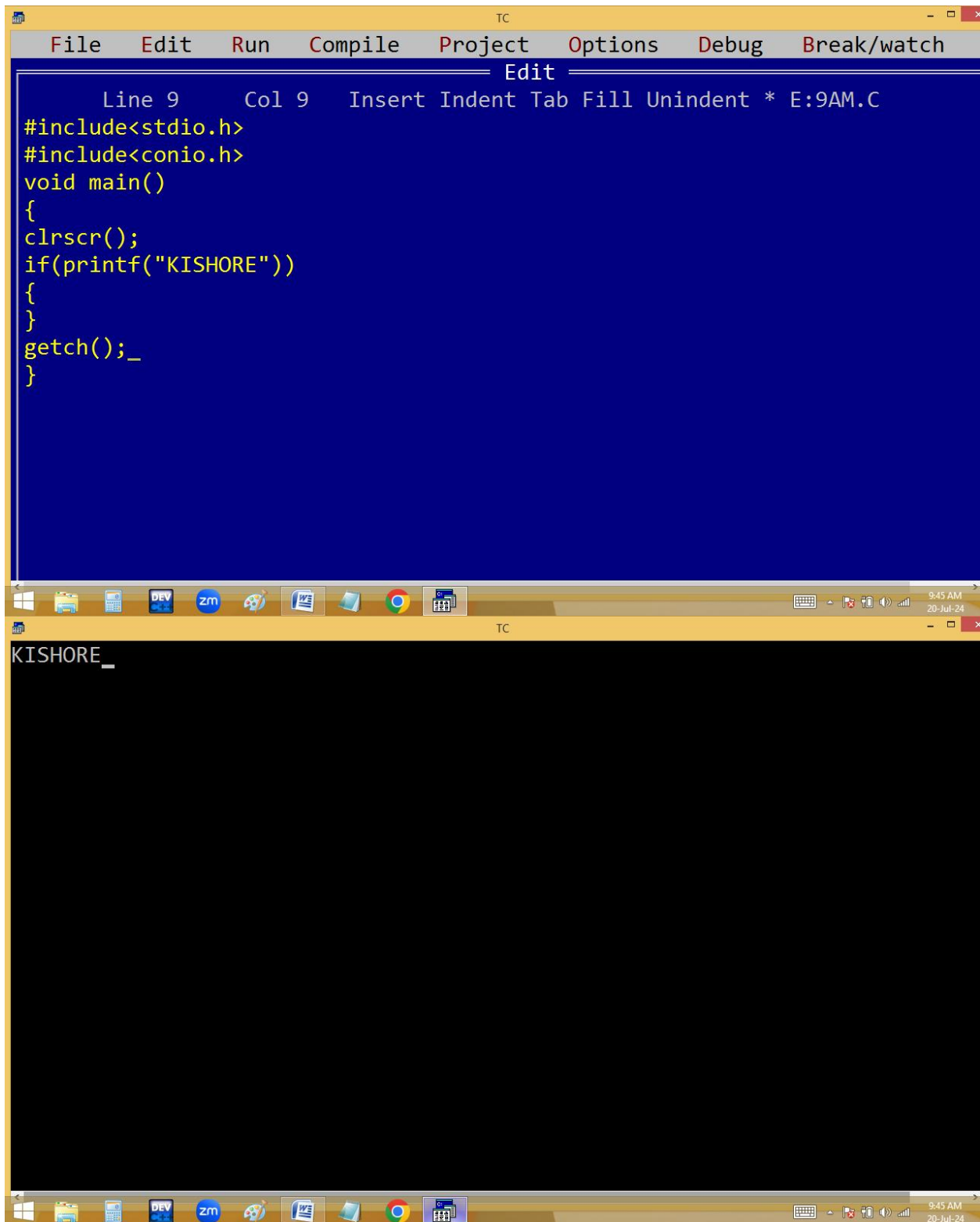
Edit

Line 11 Col 7 Insert Indent Tab Fill Unindent * E:9AM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0,b=5,c=20;
clrscr();
if(printf("",a++))b++; c++; printf("a=%d, b=%d, c=%d",a,b,c);
getch();
}

/* a=1, b=5, c=21 */
```

Print kishore without using ;



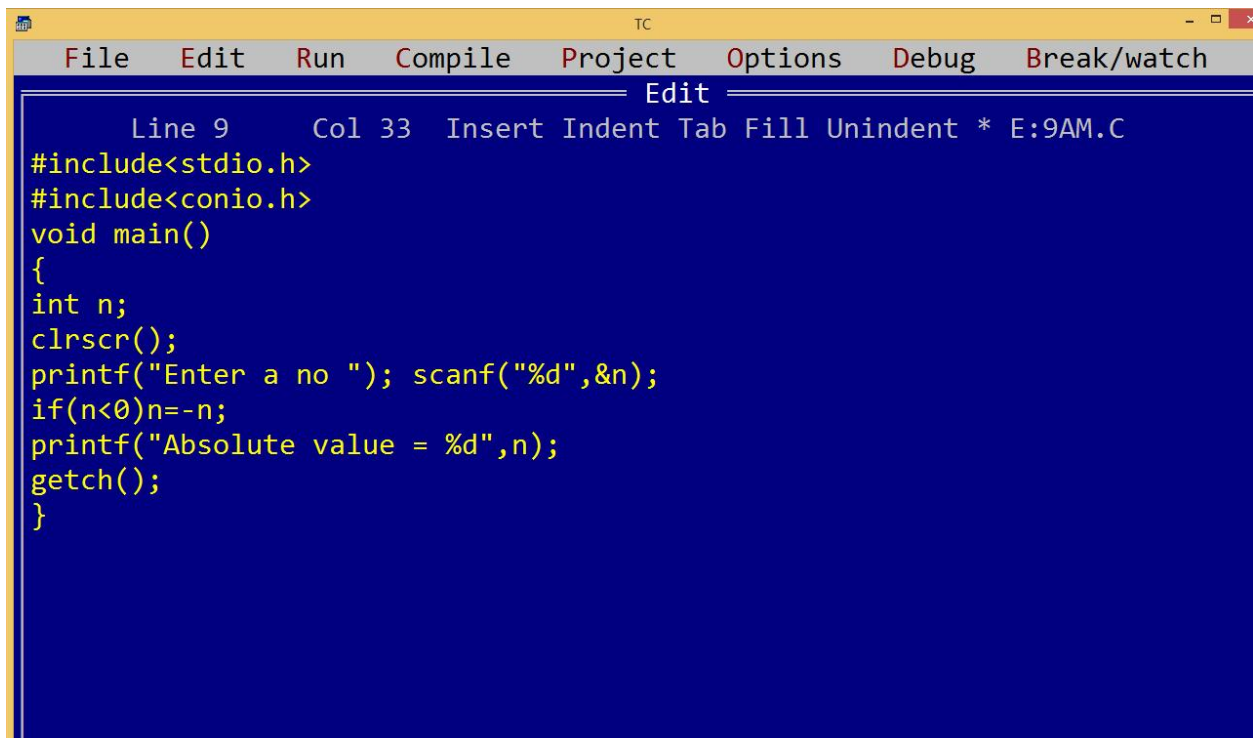
The image shows a screenshot of the Turbo C++ (TC) IDE. The top window is the editor, displaying a C program. The status bar at the top indicates 'Line 9 Col 9' and 'Insert Indent Tab Fill Unindent * E:9AM.C'. The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if(printf("KISHORE"))
{
}
getch();_
}
```

The bottom window is the output console, which shows the text 'KISHORE_' followed by a cursor, indicating that the program has successfully printed the name 'KISHORE'.

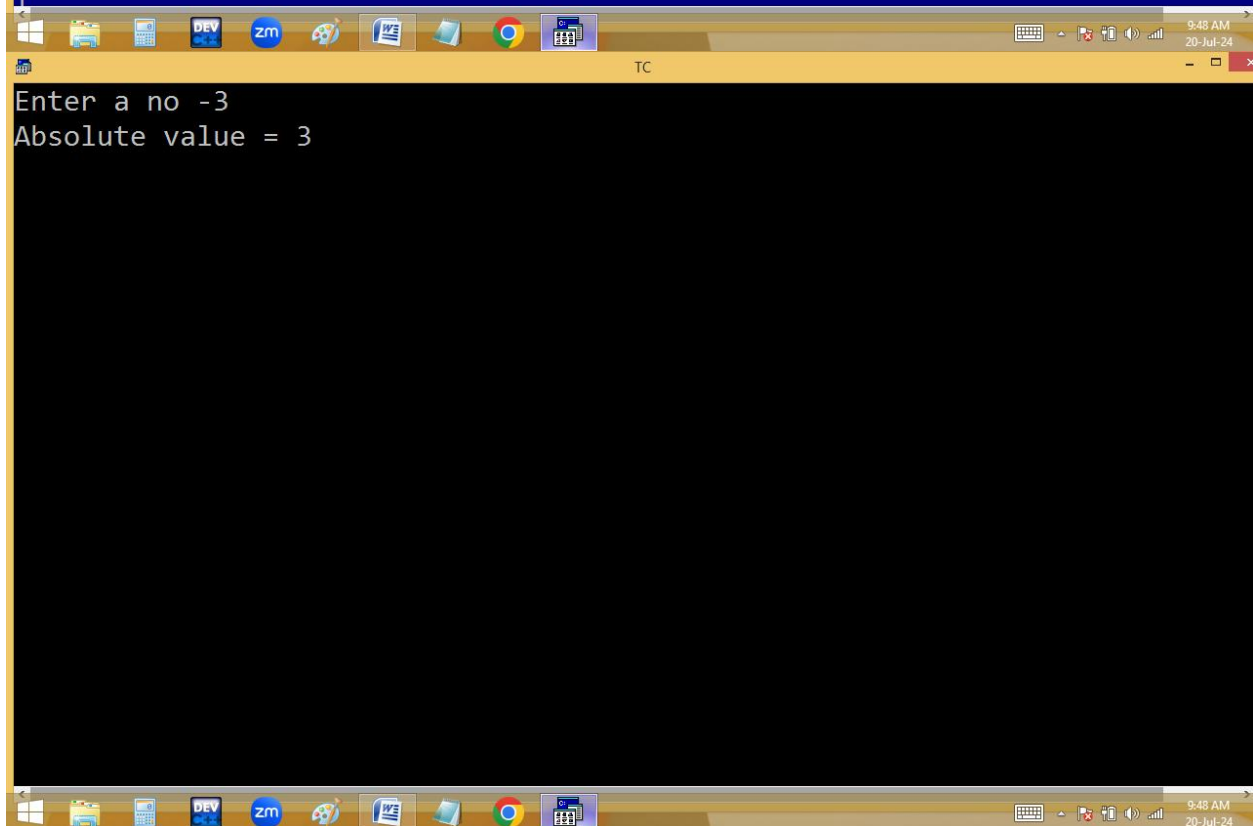
Finding absolute value of given no [Always positive].

If($n < 0$) $n = -n$;



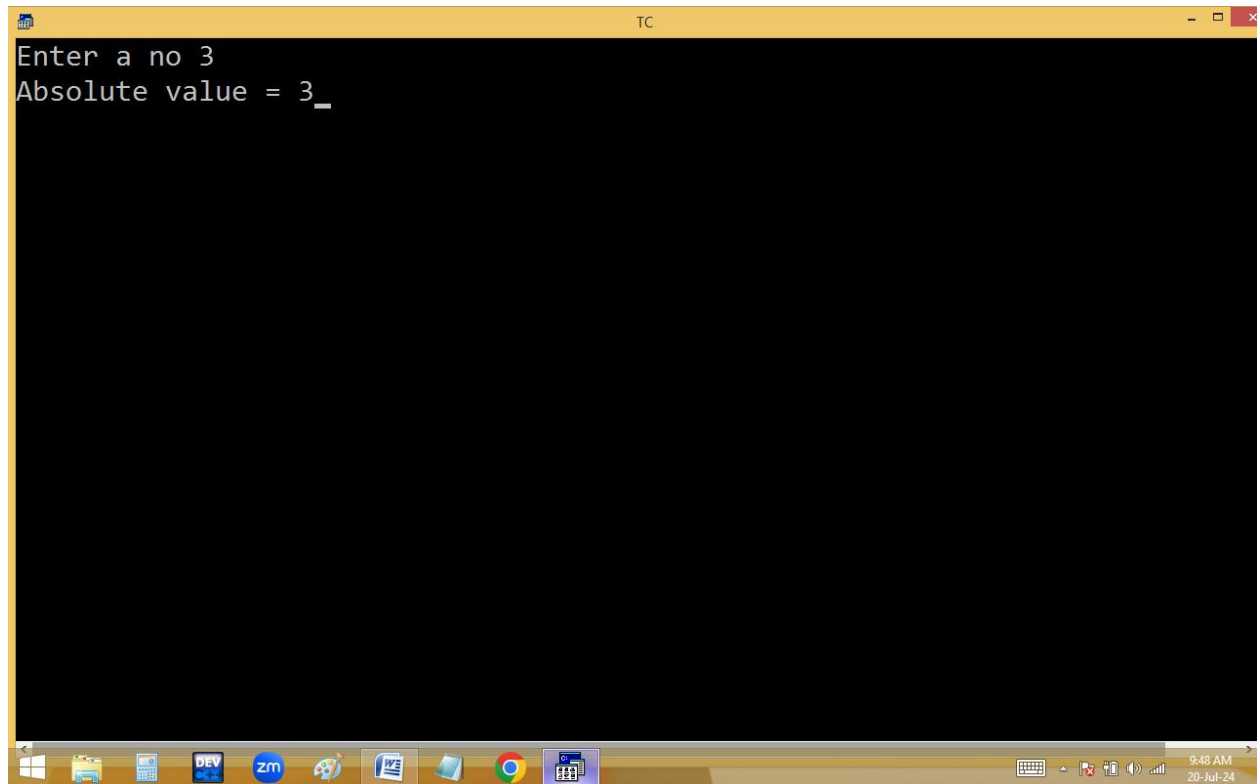
The screenshot shows the Turbo C++ (TC) IDE with a menu bar (File, Edit, Run, Compile, Project, Options, Debug, Break/watch) and a toolbar. The main editing area has a blue background and contains the following C code:

```
Line 9      Col 33  Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int n;
clrscr();
printf("Enter a no "); scanf("%d",&n);
if(n<0)n=-n;
printf("Absolute value = %d",n);
getch();
}
```



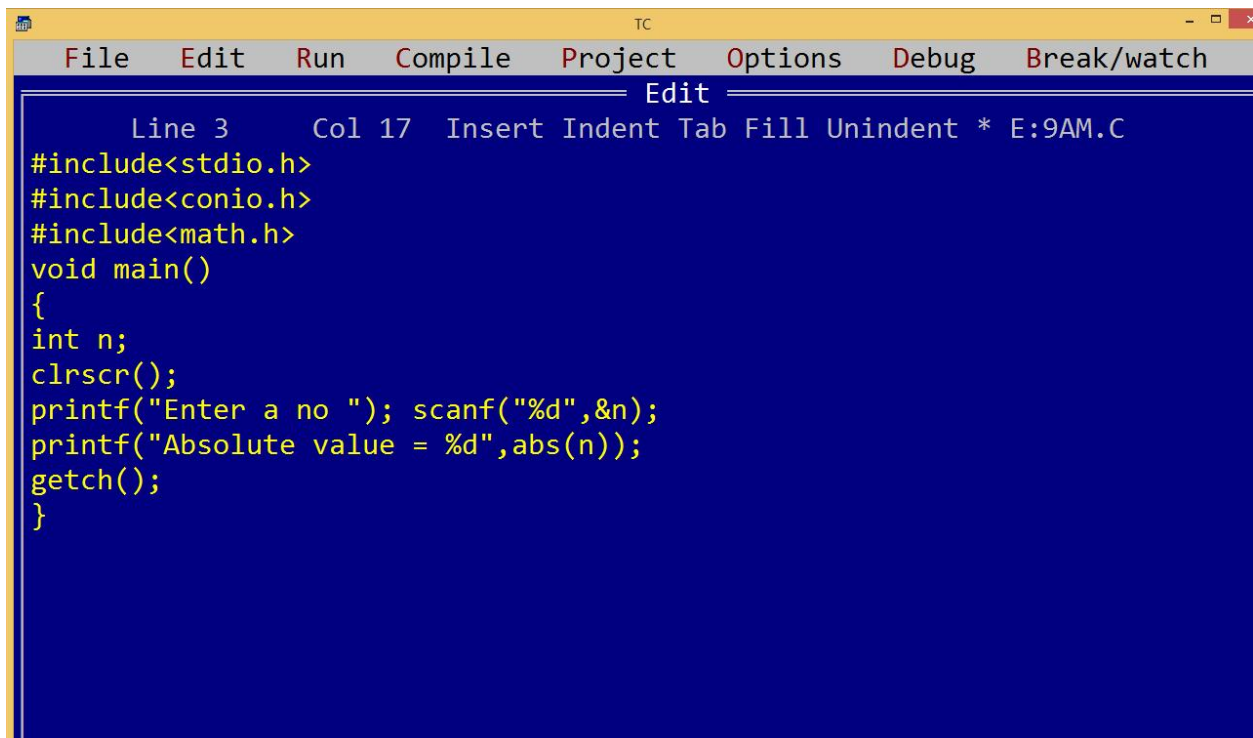
The screenshot shows the Turbo C++ (TC) IDE with a black background, displaying the output of the program. The text "Enter a no -3" and "Absolute value = 3" is visible on the first two lines. The status bar at the bottom right shows the time as 9:43 AM on 20-Jul-24.

```
Enter a no -3
Absolute value = 3
```



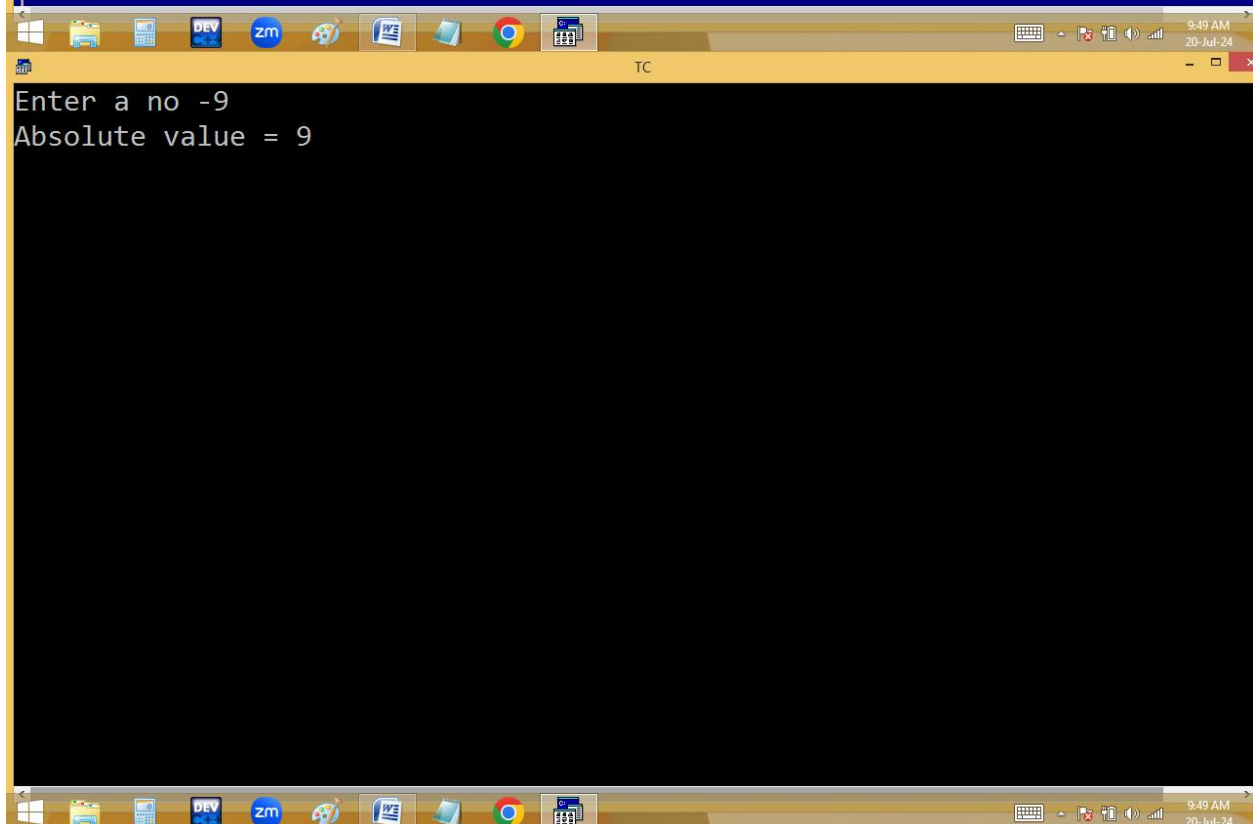
The image shows a screenshot of a Turbo C++ (TC) window. The window has a yellow title bar with the text "TC" in the center. The main area is black and contains the following text in white: "Enter a no 3" and "Absolute value = 3_". The window is positioned on a Windows desktop. The taskbar at the bottom shows several icons: the Windows Start button, a folder icon, a document icon, a "DEV" icon, a "zm" icon, a network icon, a printer icon, a file explorer icon, a Google Chrome icon, and a system tray area on the right showing a keyboard icon, a volume icon, a network icon, and the system clock displaying "9:48 AM" and "20-Jul-24".

Using abs():



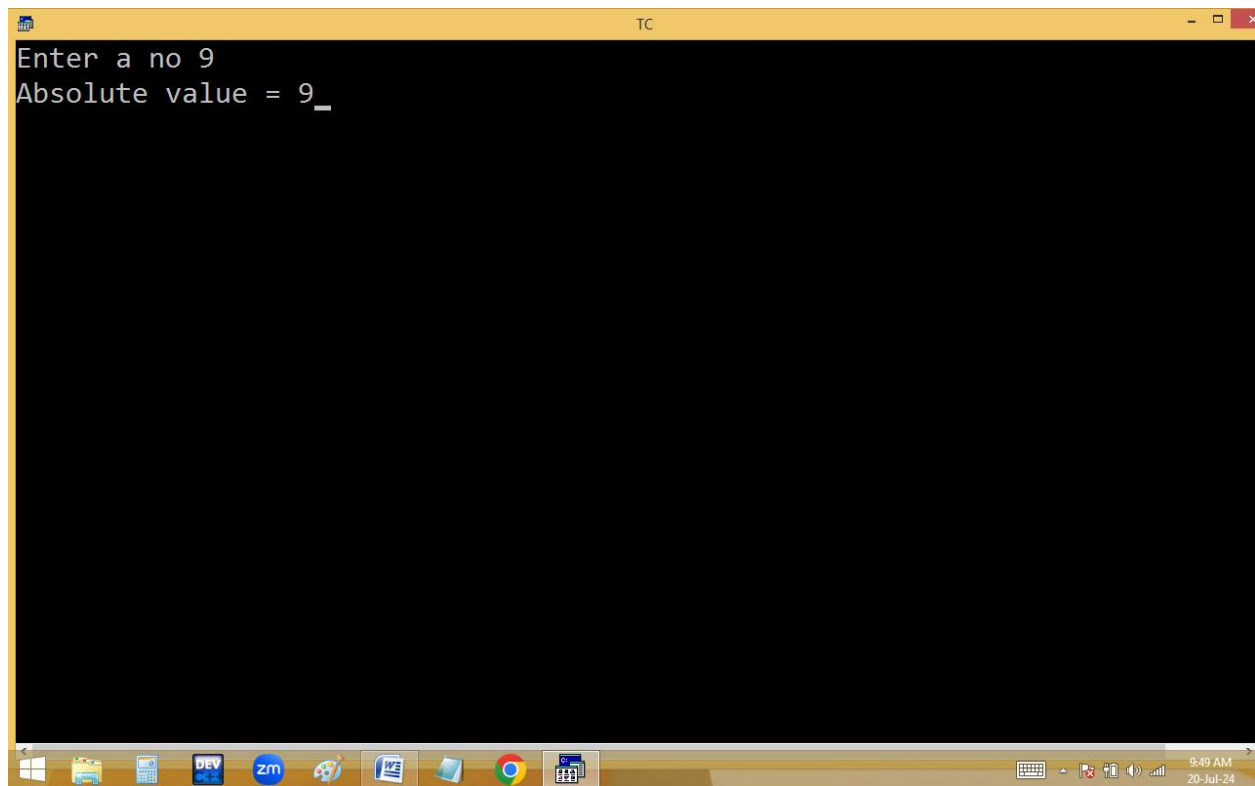
The screenshot shows the Turbo C++ (TC) IDE with a blue background. The menu bar includes File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the top indicates 'Line 3 Col 17' and provides options: Insert, Indent, Tab, Fill, Unindent, and *. The code is as follows:

```
Line 3 Col 17 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
#include<math.h>
void main()
{
int n;
clrscr();
printf("Enter a no "); scanf("%d",&n);
printf("Absolute value = %d",abs(n));
getch();
}
```



The screenshot shows the Turbo C++ (TC) IDE with a black background, displaying the output of the program. The text 'Enter a no -9' and 'Absolute value = 9' is visible. The status bar at the bottom indicates '9:49 AM 20-Jul-24'.

```
Enter a no -9
Absolute value = 9
```



```
TC
Enter a no 9
Absolute value = 9_
```

Printing 1..10 numbers without using loop:

TC

File Edit Run Compile Project Options Debug Break/watch

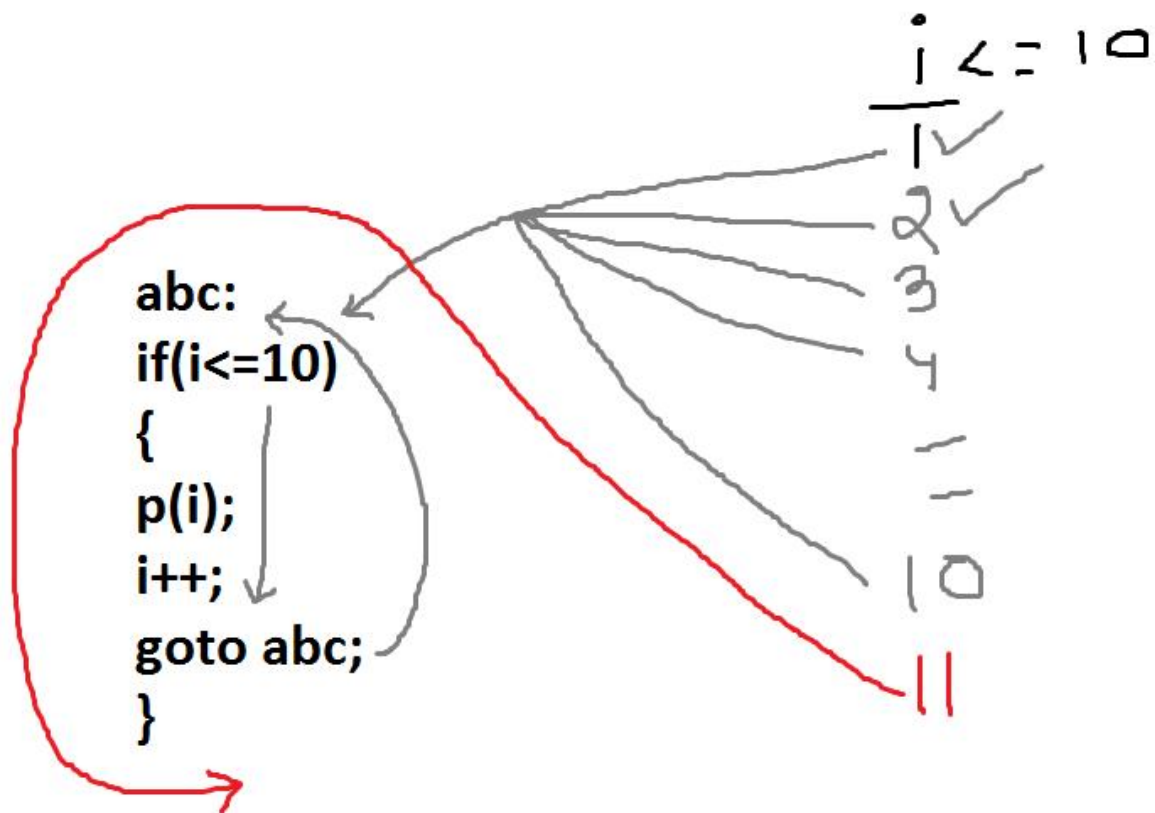
Edit

Line 13 Col 2 Insert Indent Tab Fill Unindent * E:9AM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int i=1;
clrscr();
abc:
if(i<=10)
{
printf("%d\n",i);
i++;
goto abc;
}_
getch();
}
```

TC

```
1
2
3
4
5
6
7
8
9
10
```

Currency denomination:

588/-

$$588 / 500 = 1 \checkmark$$

$$588 \% 500 = 88$$

$$88 / 200 = 0$$

$$88 / 50 = 1 \checkmark$$

$$38 / 10 = 1 \checkmark$$

$$18 / 10 = 1 \checkmark$$

$$8 / 5 = 1 \checkmark$$

$$3 / 2 = 1 \checkmark$$

$$1 / 1 = 1 \checkmark$$

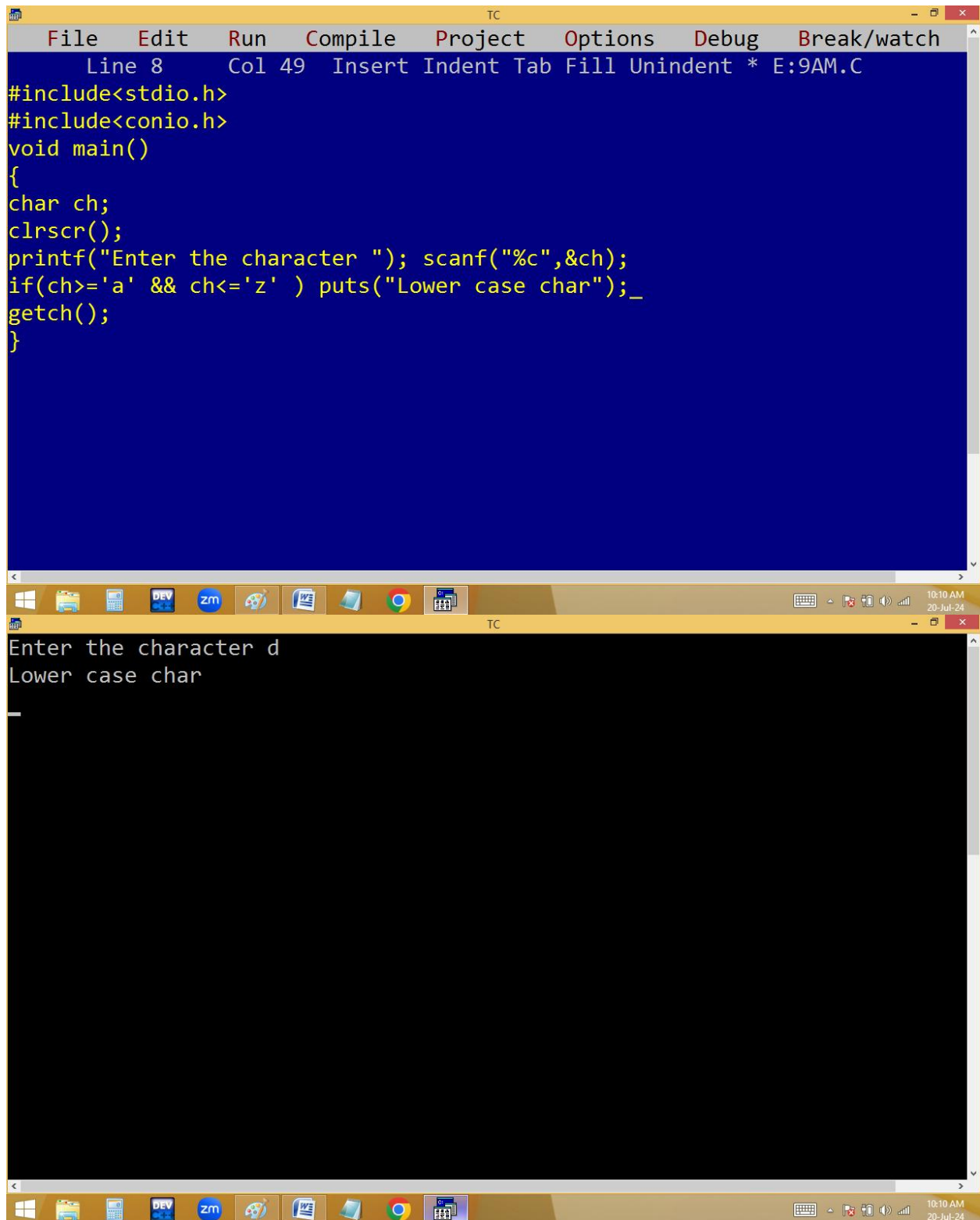
```
TC
File Edit Run Compile Project Options Debug Break/watch
Line 8 Col 32 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
long int n;
clrscr();
printf("Enter the amount "); scanf("%ld",&n);
if(n/500!=0)printf("%d-500's\n",n/500); n=n%500;
if(n/200!=0)printf("%d-200's\n",n/200); n=n%200;
if(n/100!=0)printf("%d-100's\n",n/100); n=n%100;
if(n/50!=0)printf("%d-50's\n",n/50); n=n%50;
if(n/20!=0)printf("%d-20's\n",n/20); n=n%20;
if(n/10!=0)printf("%d-10's\n",n/10); n=n%10;
if(n/5!=0)printf("%d-5's\n",n/5); n=n%5;
if(n/2!=0)printf("%d-2's\n",n/2); n=n%2;
if(n/1!=0)printf("%d-1's\n",n/1);
getch();
}

TC
Enter the amount 588
1-500's
1-50's
1-20's
1-10's
1-5's
1-2's
1-1's
```

```
TC
Enter the amount 888
1-500's
1-200's
1-100's
1-50's
1-20's
1-10's
1-5's
1-2's
1-1's
_
```

```
TC
Enter the amount 102
1-100's
1-2's
_
```

Find the given char is lower or not



The image shows a screenshot of the Turbo C++ (TC) IDE. The top window displays a C program with the following code:

```
File Edit Run Compile Project Options Debug Break/watch
Line 8 Col 49 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
char ch;
clrscr();
printf("Enter the character "); scanf("%c",&ch);
if(ch>='a' && ch<='z' ) puts("Lower case char");_
getch();
}
```

The bottom window shows the program's execution. It prompts "Enter the character d" and outputs "Lower case char". The Windows taskbar at the bottom shows the time as 10:10 AM on 20-Jul-24.

The image shows a screenshot of the Turbo C++ (TC) IDE. The top window is a command prompt with the text "Enter the character H". The bottom window is the code editor, displaying the following C code:

```
Line 9      Col 34  Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
char ch;
clrscr();
printf("Enter the character "); scanf("%c",&ch);
if(ch>='a' && ch<='z' ) puts("Lower case char");
if(ch<'a' || ch>'z') puts("Not a lower char");
getch();
}
```

The IDE's menu bar includes File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The Windows taskbar at the bottom shows the time as 10:11 AM on 20-Jul-24.


```
TC
Enter the character b
Lower case char
```

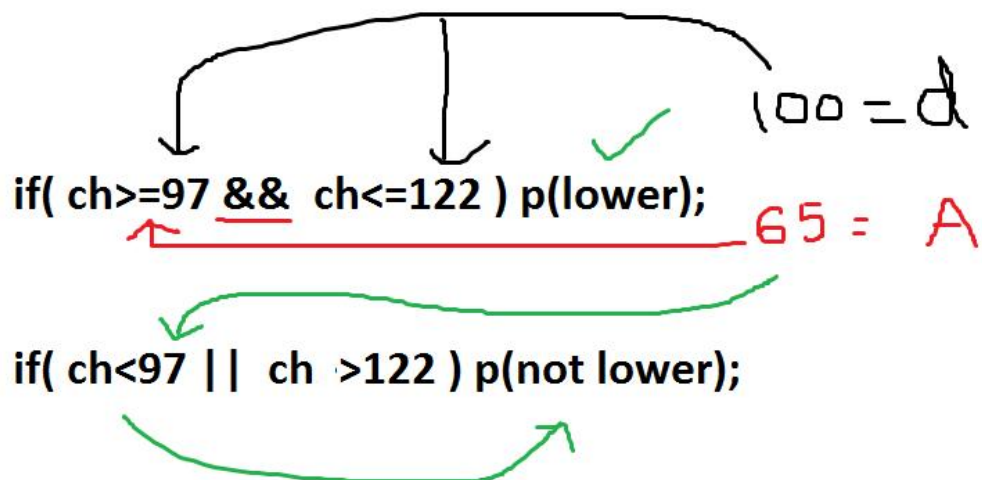
```
TC
Enter the character D
Not a lower char
```

The image shows two screenshots of the Turbo C++ (TC) IDE. The top screenshot displays the source code of a C program in a blue editor window. The code includes headers for `stdio.h` and `conio.h`, and defines a `main` function. Inside `main`, it declares a `char ch`, calls `clrscr()` to clear the screen, and prompts the user to "Enter the character ". It then uses `scanf("%c",&ch);` to read a character. Two conditional checks follow: `if(ch>=97 && ch<=122) puts("Lower case char");` and `if(ch<97 || ch>122) puts("Not a lower char");`. Finally, it calls `getch();` to pause the program. The bottom screenshot shows the same IDE with the program executed. The output window is black, and the text "Enter the character a" and "Lower case char" is visible in the console area, indicating that the user entered 'a' and the program correctly identified it as a lower case character. The Windows taskbar at the bottom of both screenshots shows various icons including the Start button, File Explorer, and several application icons like DEV, zm, and Google Chrome. The system clock in the bottom right corner indicates the time is 10:14 AM on 20-Jul-24.

```
File Edit Run Compile Project Options Debug Break/watch
Line 9 Col 19 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
char ch;
clrscr();
printf("Enter the character "); scanf("%c",&ch);
if(ch>=97 && ch<=122 ) puts("Lower case char");
if(ch<97 || ch>122) puts("Not a lower char");
getch();
}
```

Enter the character a
Lower case char

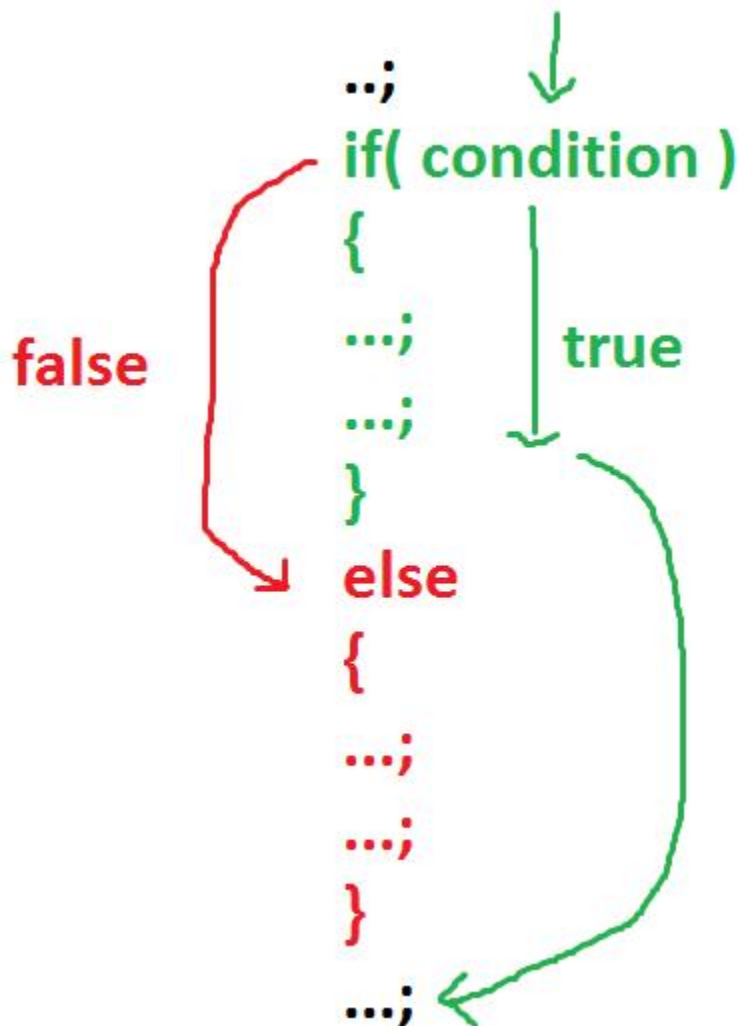
```
TC
Enter the character Z
Not a lower char
```



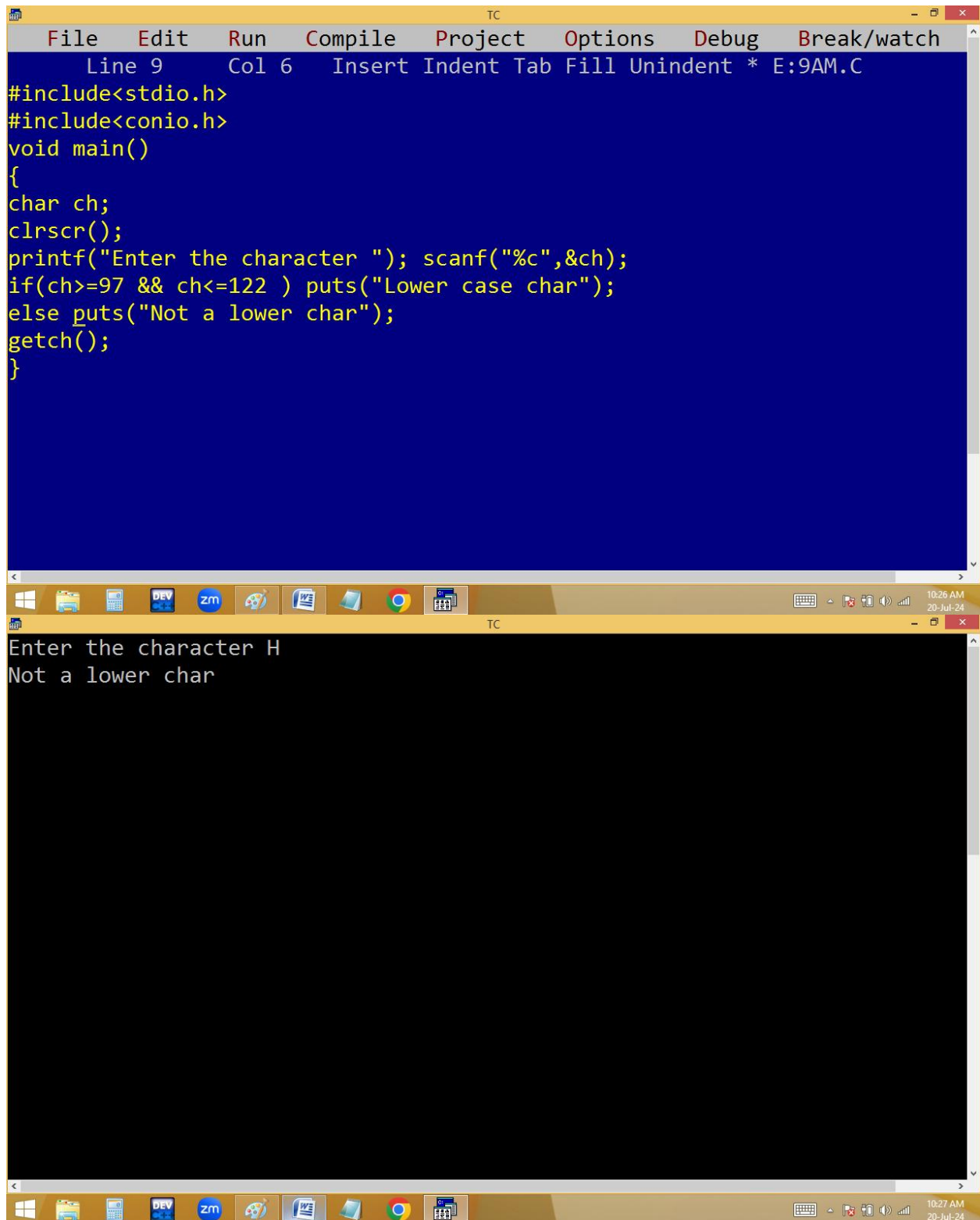
if..else: When the program is having 2 options and user have to select only one then go for if..else.

if condition true statements in if block { } are executed and else not considered.

If condition false then statements in else block { } are executed. Else never contains the condition.

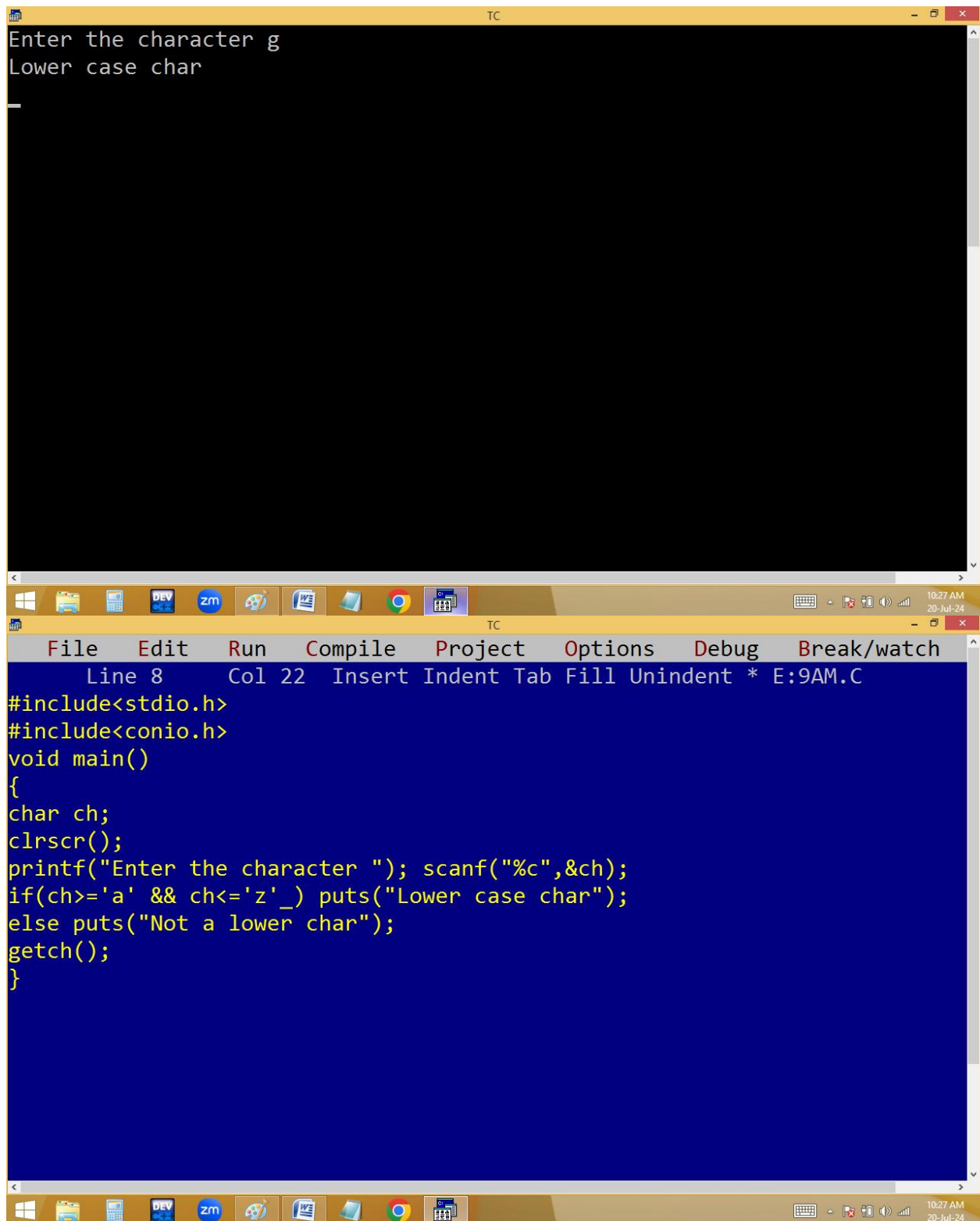


Finding lower char or not using if..else:



```
TC
File Edit Run Compile Project Options Debug Break/watch
Line 9 Col 6 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
char ch;
clrscr();
printf("Enter the character "); scanf("%c",&ch);
if(ch>=97 && ch<=122 ) puts("Lower case char");
else puts("Not a lower char");
getch();
}

Enter the character H
Not a lower char
```



The image shows a screenshot of the Turbo C++ (TC) IDE. The top window is a console output showing the program's execution. It prompts the user to "Enter the character g" and then displays "Lower case char". The bottom window is the code editor, which contains the following C code:

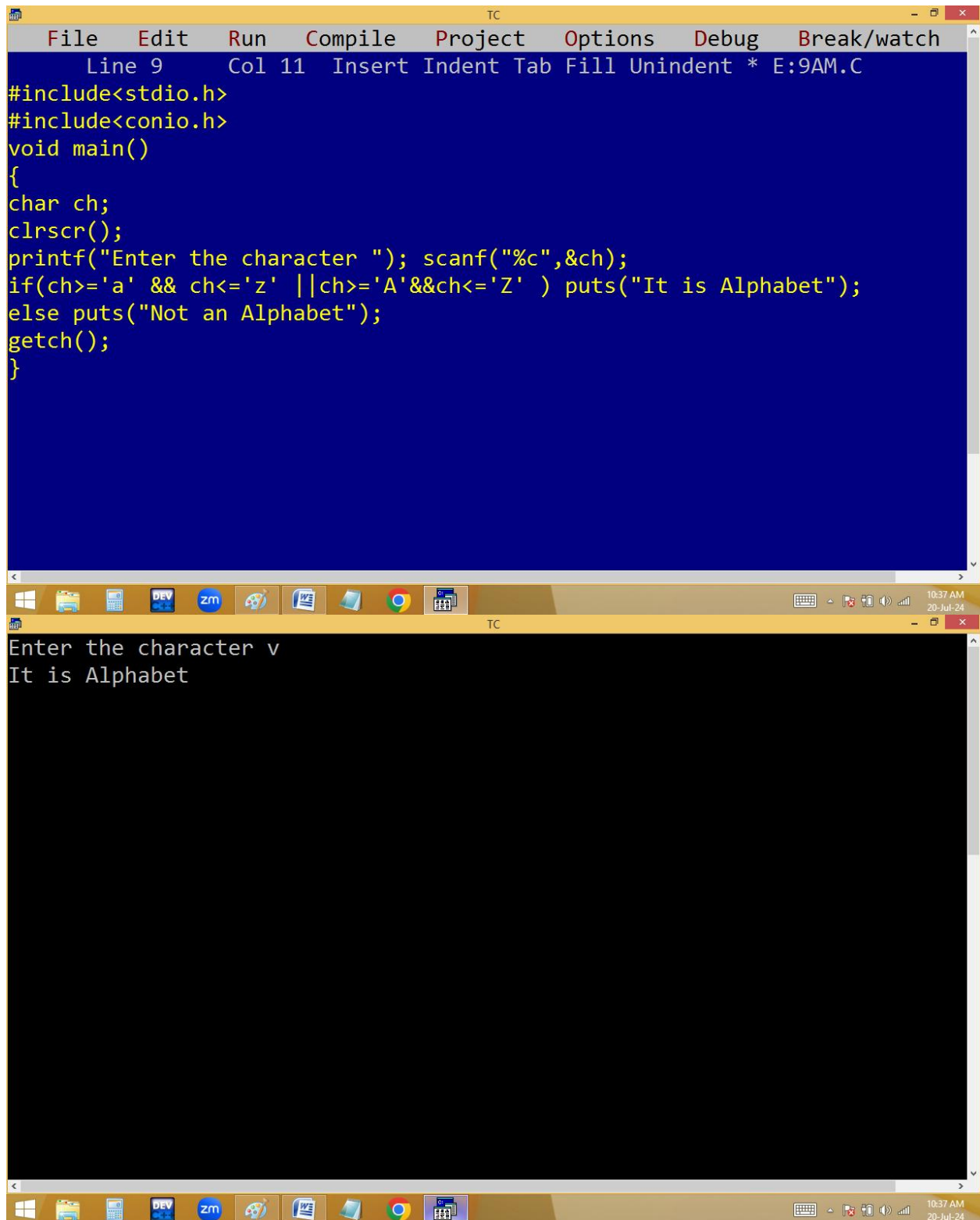
```
Line 8      Col 22  Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
char ch;
clrscr();
printf("Enter the character "); scanf("%c",&ch);
if(ch>='a' && ch<='z') puts("Lower case char");
else puts("Not a lower char");
getch();
}
```

The IDE's status bar at the bottom indicates the time as 10:27 AM on 20-Jul-24. The taskbar shows various application icons including Windows Explorer, DEV C++, Zoom, and Google Chrome.


```
TC
Enter the character H
Not a lower char
```

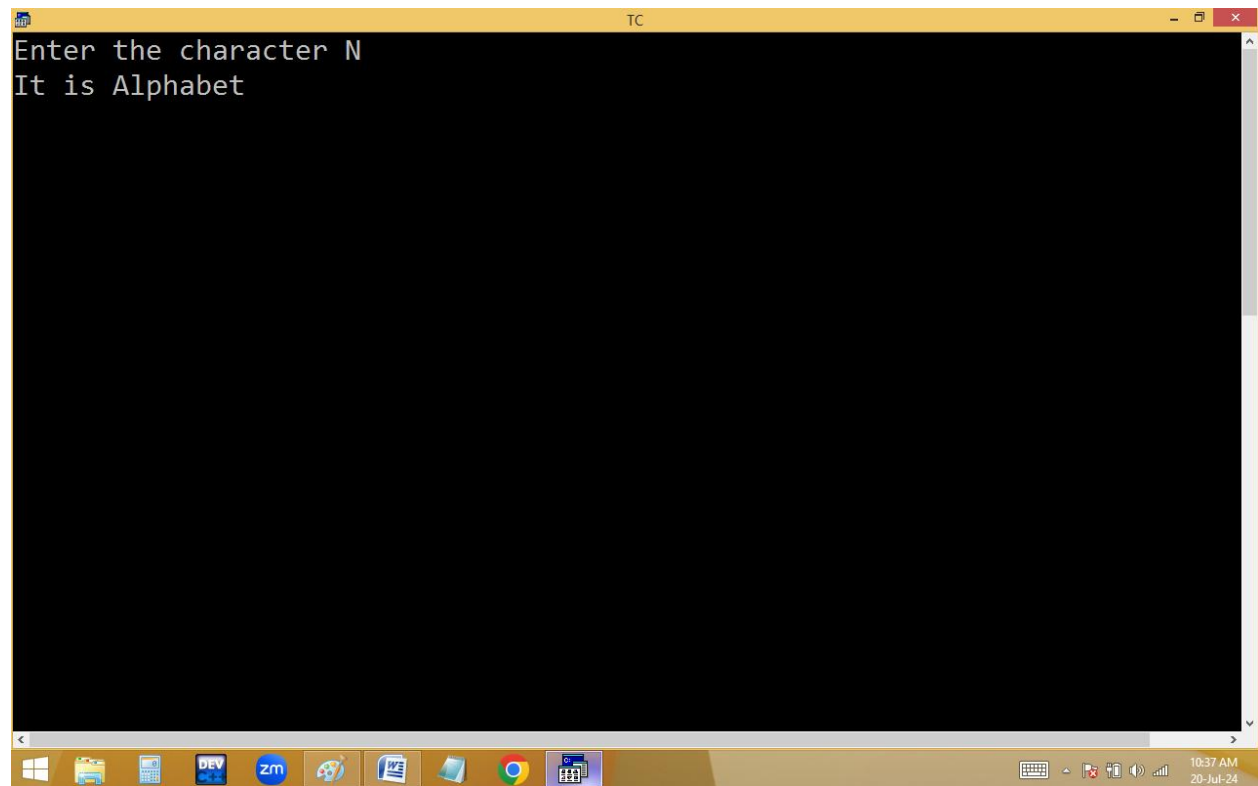
```
TC
Enter the character g
Lower case char
```

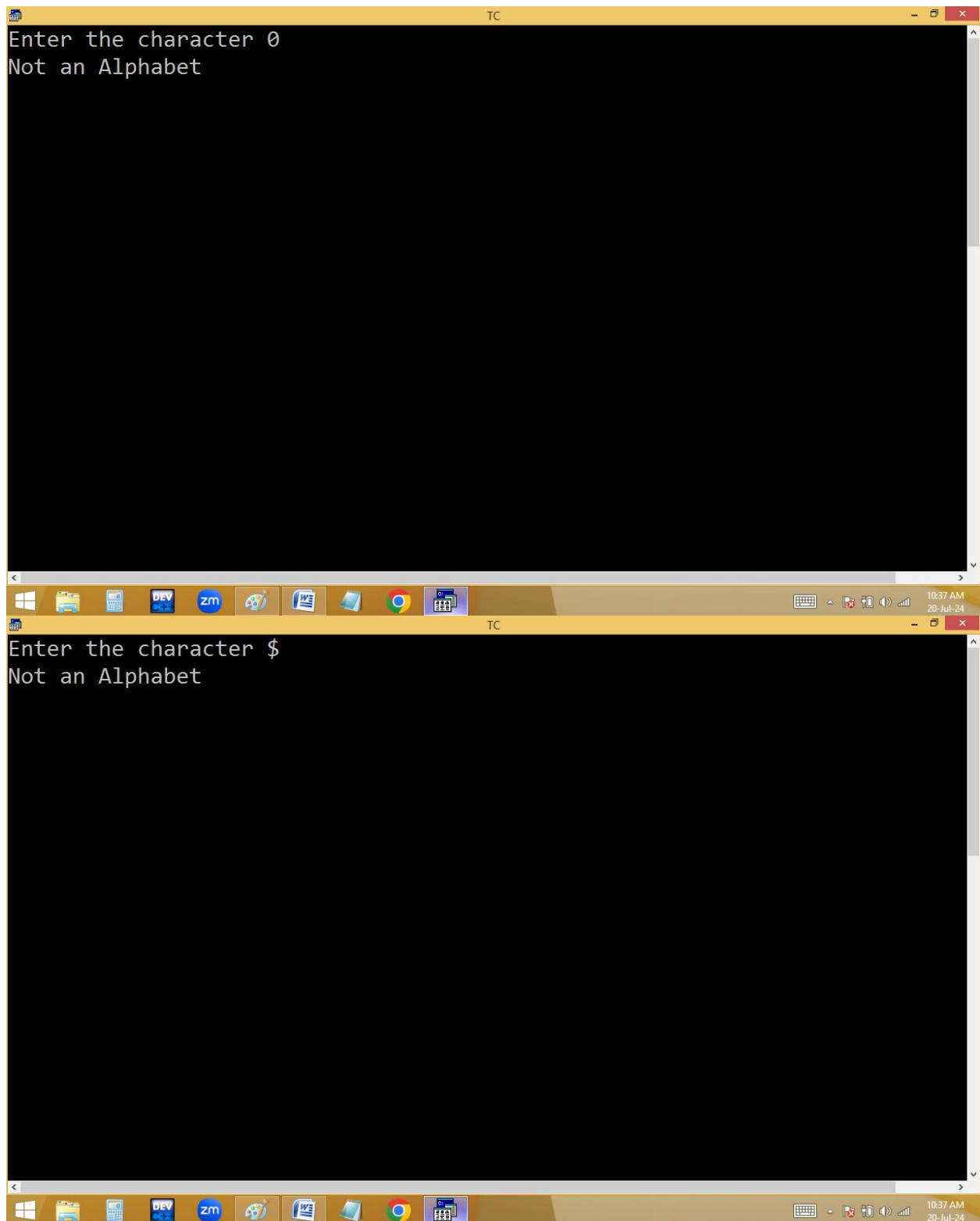
Finding alphabet or not using if..else:



```
TC
File Edit Run Compile Project Options Debug Break/watch
Line 9 Col 11 Insert Indent Tab Fill Unindent * E:9AM.C
#include<stdio.h>
#include<conio.h>
void main()
{
char ch;
clrscr();
printf("Enter the character "); scanf("%c",&ch);
if(ch>='a' && ch<='z' || ch>='A'&&ch<='Z' ) puts("It is Alphabet");
else puts("Not an Alphabet");
getch();
}
```

Enter the character v
It is Alphabet





finding 2 digit no or not.

The image shows two screenshots of the Turbo C++ (TC) IDE. The top screenshot displays the source code of a C program in a blue editor window. The code checks if a number is a two-digit number. The bottom screenshot shows the program's execution in a black console window, where the user has entered '23' and the program has outputted 'It is a 2 digit no'.

TC

File Edit Run Compile Project Options Debug Break/watch

Line 8 Col 38 Insert Indent Tab Fill Unindent * E:9AM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int n;
    clrscr();
    printf("Enter the number "); scanf("%d",&n);
    if(n>=10 && n<=99 || n<=-10 && n>=-99) puts("It is a 2 digit no");
    else puts("Not a 2 digit no");
    getch();
}
```

TC

Enter the number 23
It is a 2 digit no

10:42 AM
20-Jul-24

10:43 AM
20-Jul-24

```
TC
Enter the number -45
It is a 2 digit no
```

```
TC
Enter the number 4
Not a 2 digit no
```



```
TC
Enter the number -9
Not a 2 digit no
```

```
TC
Enter the number -343
Not a 2 digit no
_
```