

TC

File Edit Run Compile Project Options Debug Break/watch

Error: Expression syntax in function main

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

Build 9600

02:21 PM
09-Aug-25

TC

File Edit Run Compile Project Options Debug Break/watch

Error: Expression syntax in function main

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if(if(5==5))
{
printf("a");
printf("b");
}
printf("c");
getch();
}
```

Page: 1 of 1 Words: 0

130%

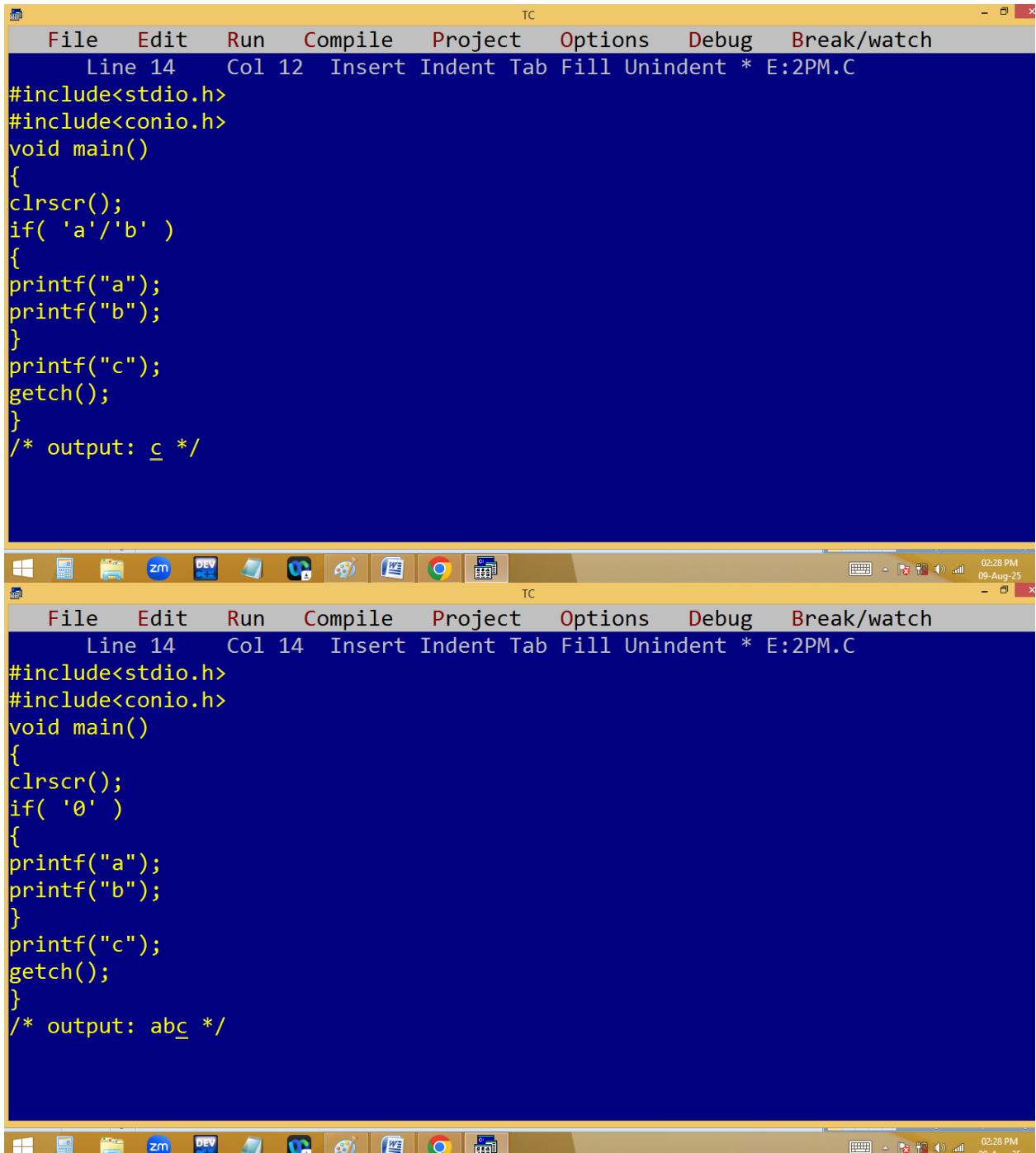
02:22 PM
09-Aug-25

```
File Edit Run Compile Project Options Debug Break/watch  
Error: Division by zero in function main  
#include<stdio.h>  
#include<conio.h>  
void main()  
{  
clrscr();  
if(5/0)  
{  
printf("a");  
printf("b");  
}  
printf("c");  
getch();  
}
```

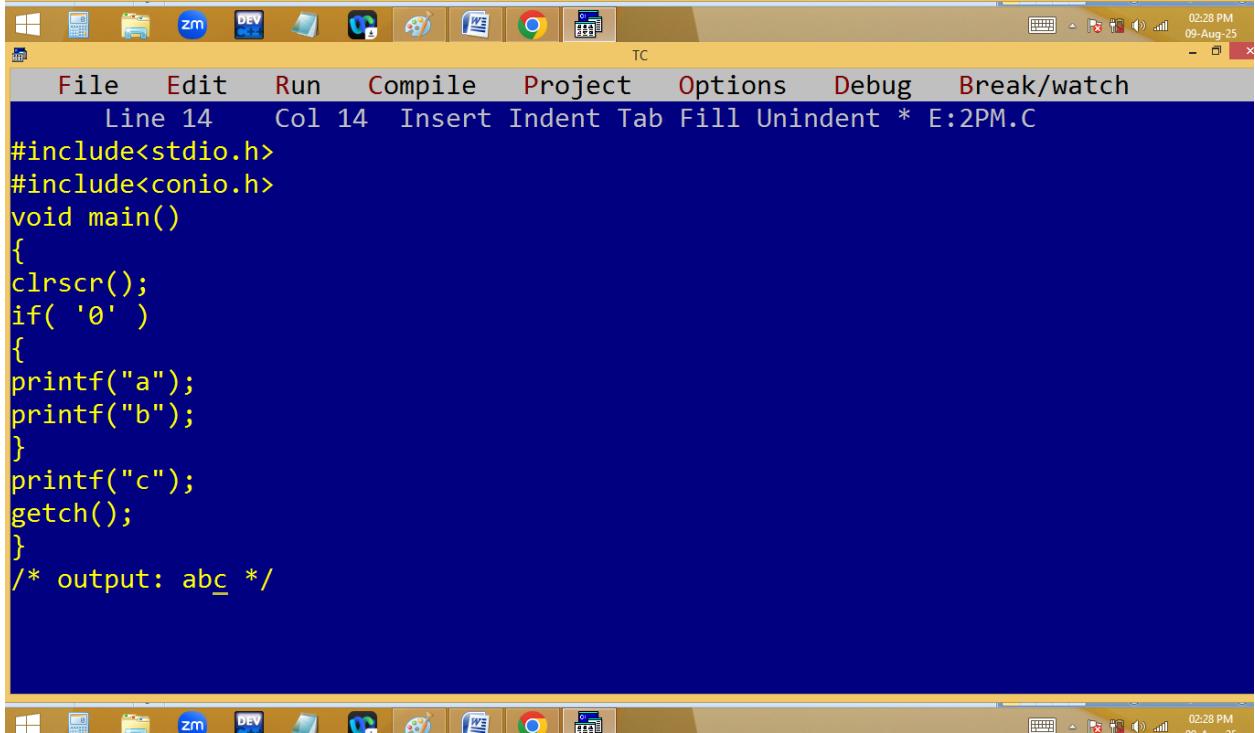
```
File Edit Run Compile Project Options Debug Break/watch  
Error: Division by zero in function main  
#include<stdio.h>  
#include<conio.h>  
void main()  
{  
clrscr();  
if(5%0)  
{  
printf("a");  
printf("b");  
}  
printf("c");  
getch();  
}
```

```
TC
File Edit Run Compile Project Options Debug Break/watch
Error: Illegal use of floating point in function main
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if(5.0%2.0)
{
printf("a");
printf("b");
}
printf("c");
getch();
}
```

```
Page: 2 of 2 | Words: 0 | TC
Windows Firewall ZM DEV MSN MSN Live Mail MSN Photos MSN News MSN Games MSN Video MSN Search MSN Mail MSN News MSN Games MSN Video MSN Search MSN Mail 130% 02:25 PM 09-Aug-25
File Edit Run Compile Project Options Debug Break/watch
Line 14 Col 18 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if(-5)
{
printf("a");
printf("b");
}
printf("c");
getch();
}
/* output: abc */
```



```
File Edit Run Compile Project Options Debug Break/watch
Line 14 Col 12 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if( 'a'/'b' )
{
printf("a");
printf("b");
}
printf("c");
getch();
}
/* output: abc */
```



```
File Edit Run Compile Project Options Debug Break/watch
Line 14 Col 14 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if( '0' )
{
printf("a");
printf("b");
}
printf("c");
getch();
}
/* output: abc\u202e */
```

```
File Edit Run Compile Project Options Debug Break/watch
Line 12 Col 12 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if( 'a'>'b' )
printf("a");
printf("b");
printf("c");
getch();
}
/* output: bc */
```

```
File Edit Run Compile Project Options Debug Break/watch
Line 9 Col 2 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if( 'a'>'b' )
{
printf("a");
}
printf("b");
printf("c");
getch();
}
/* output: bc */
```

The screenshot shows a Windows desktop environment with two identical windows of a C compiler application side-by-side. Both windows have a dark blue background and a light gray menu bar at the top. The menu bar includes 'File', 'Edit', 'Run', 'Compile', 'Project', 'Options', 'Debug', and 'Break/watch'. Below the menu bar, the status bar displays 'Line 14 Col 24 Insert Indent Tab Fill Unindent * E:2PM.C'. The main code area contains the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if( 'a'>'b' )
{
printf("a");
printf("b");
printf("c");
}
getch();
}
/* output: blank screen */
```

The screenshot shows a Windows desktop environment with two identical windows of a C compiler application side-by-side. Both windows have a dark blue background and a light gray menu bar at the top. The menu bar includes 'File', 'Edit', 'Run', 'Compile', 'Project', 'Options', 'Debug', and 'Break/watch'. Below the menu bar, the status bar displays 'Line 7 Col 11 Insert Indent Tab Fill Unindent * E:2PM.C'. The main code area contains the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if( !'a'> 0 )
{
printf("a");
printf("b");
printf("c");
}
getch();
}
/* output: blank screen */
```

```
File Edit Run Compile Project Options Debug Break/watch
Line 8 Col 28 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if( !'a' && printf("Hello") )
{
printf("a");
printf("b");
printf("c");
}
getch();
}
/* output: blank screen */


```

```
File Edit Run Compile Project Options Debug Break/watch
Line 14 Col 20 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if( !'a' || printf("Hello") )
{
printf("a");
printf("b");
printf("c");
}
getch();
}
/* output: Helloabc_ */


```

```
File Edit Run Compile Project Options Debug Break/watch
Line 14 Col 18 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if( printf("") )
{
printf("a");
printf("b");
printf("c");
}
getch();
}
/* output: Blank screen */
```

Activate Windows
Go to PC settings to activate Windows.

```
File Edit Run Compile Project Options Debug Break/watch
Line 14 Col 15 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if( !printf("") )
{
printf("a");
printf("b");
printf("c");
}
getch();
}
/* output: abc */
```

Activate Windows
Go to PC settings to activate Windows.

A screenshot of a Windows desktop environment showing two terminal windows side-by-side. Both windows have a dark blue background and a light gray header bar with various menu options like File, Edit, Run, Compile, Project, Options, Debug, and Break/watch.

The top window displays the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if( sizeof("") )
{
printf("a");
printf("b");
printf("c");
}
getch();
}
/* output: abc */
```

The bottom window displays the same C code, but with a conditional statement added:

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if( sizeof("")>printf("Kishore") )
{
printf("a");
printf("b");
printf("c");
}
getch();
}
/* output: Kishore */
```

A screenshot of a Windows desktop environment showing two terminal windows side-by-side. Both windows have a dark blue background and a light gray header bar with various menu options like File, Edit, Run, Compile, Project, Options, Debug, and Break/watch.

The top window displays the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if( sizeof("") )
{
printf("a");
printf("b");
printf("c");
}
getch();
}
/* output: abc */
```

The bottom window displays the same C code, but with a conditional statement added:

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if( sizeof("")>printf("Kishore") )
{
printf("a");
printf("b");
printf("c");
}
getch();
}
/* output: Kishore */
```

```
File Edit Run Compile Project Options Debug Break/watch
Line 14 Col 16 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if( sizeof("")<printf("") );
{
printf("a");
printf("b");
printf("c");
}
getch();
}
/* output: abc */
```

Activate Windows
Go to PC settings to activate Windows.

```
File Edit Run Compile Project Options Debug Break/watch
Line 10 Col 19 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if(printf("Kishore"))
{}
getch();
}
/* output: Kishore */
```

Activate Windows
Go to PC settings to activate Windows.

```
File Edit Run Compile Project Options Debug Break/watch
Line 11 Col 25 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0, b=1,c;
clrscr();
if(a++) ++a, ++b; c=a+b;
printf("a=%d, b=%d, c=%d",a,b,c);
getch();
}
/* output: a=1, b=1, c=2 */

Activate Windows
Go to PC settings to activate Windows.
```

```
File Edit Run Compile Project Options Debug Break/watch
Line 11 Col 25 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0, b=1,c;
clrscr();
if(a=1) ++a, ++b; c=a+b;
printf("a=%d, b=%d, c=%d",a,b,c);
getch();
}
/* output: a=2, b=2, c=4 */

Activate Windows
Go to PC settings to activate Windows.
```

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0, b=1,c;
clrscr();
if(a=1,--a) ++a; ++b; c=a+b;
printf("a=%d, b=%d, c=%d",a,b,c);
getch();
}
/* output: a=0, b=2, c=2 */
```

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0, b=1,c;
clrscr();
if(a=1,--a) ++a; ++b; c=a+b;
printf("a=%d, b=%d, c=%d",a,b,c);
getch();
}
/* output: a=0, b=2, c=2 */
```

**if(✓
 a=0, 1) ++a; ++b;c=a+b;**



Find the absolute[Always +Ve] value of given no?

```
TC
File Edit Run Compile Project Options Debug Break/watch
Line 12 Col 1 Insert Indent Tab Fill Unindent * E:2PM.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();
}
```

Activate Windows
Go to PC settings to activate Windows.

```
TC
Enter a no -5
absolute value=5_
```

Activate Windows
Go to PC settings to activate Windows.

```
TC
Enter a no 7
absolute value=7_
```

Activate Windows
Go to PC settings to activate Windows.



$$-5 < 0 \quad -(-5) = 5$$

if(n<0) n=-n;

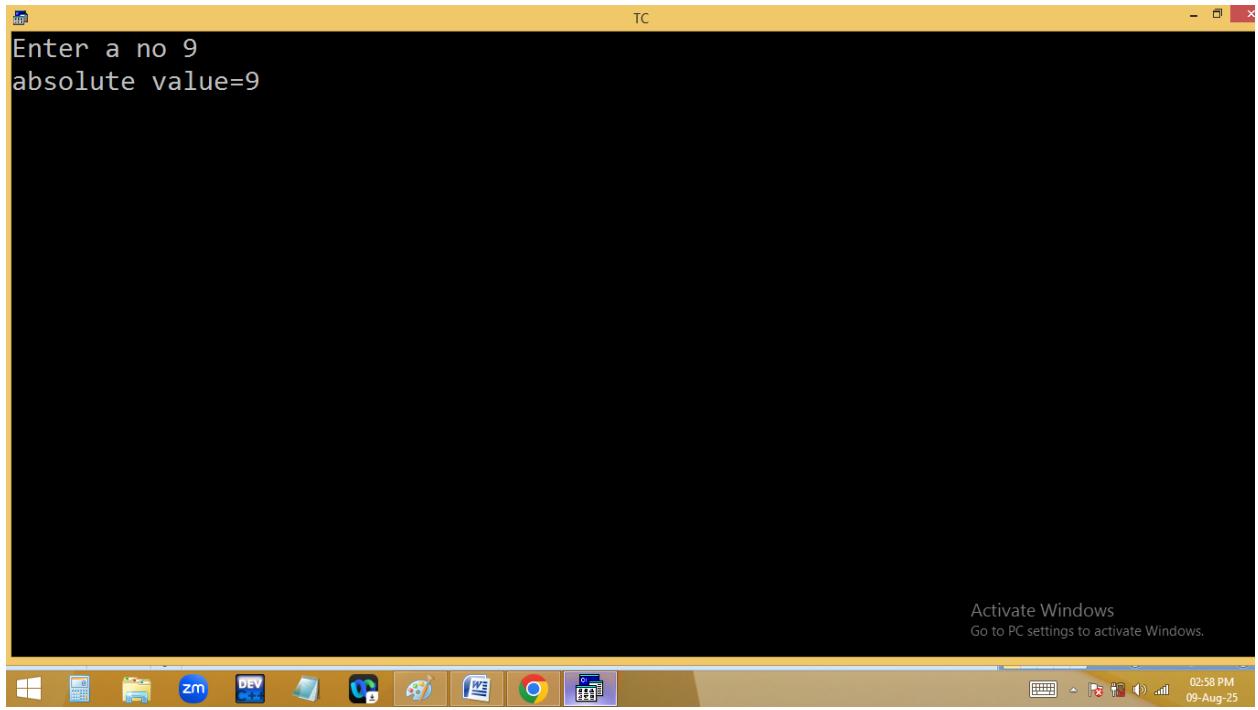
$$7 < 0 \times$$

✓

Using abs():

```
#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();
}
```

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



Print 1..n numbers without using loop?

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

Activate Windows
Go to PC settings to activate Windows.

```
Enter n value 5
```

1	2	3	4	5	-
---	---	---	---	---	---

Activate Windows
Go to PC settings to activate Windows.

03:02 PM
09-Aug-25

```

TC
Enter n value 100
1     2     3     4     5     6     7     8     9     10
11    12    13    14    15    16    17    18    19    20
21    22    23    24    25    26    27    28    29    30
31    32    33    34    35    36    37    38    39    40
41    42    43    44    45    46    47    48    49    50
51    52    53    54    55    56    57    58    59    60
61    62    63    64    65    66    67    68    69    70
71    72    73    74    75    76    77    78    79    80
81    82    83    84    85    86    87    88    89    90
91    92    93    94    95    96    97    98    99    100
-
```

Activate Windows
Go to PC settings to activate Windows.

$\frac{i}{1} \leq \frac{n}{5}$
 $\checkmark 1 \leq 5$
 $\checkmark 2 \leq 5$
 $\checkmark 3$
 $\checkmark 4$
 $\checkmark 5$
 $6 <= 5$

$i=1; n=5$
abc: ←
p(i); ↗
i++; ↗
if($i \leq 5$) goto abc;

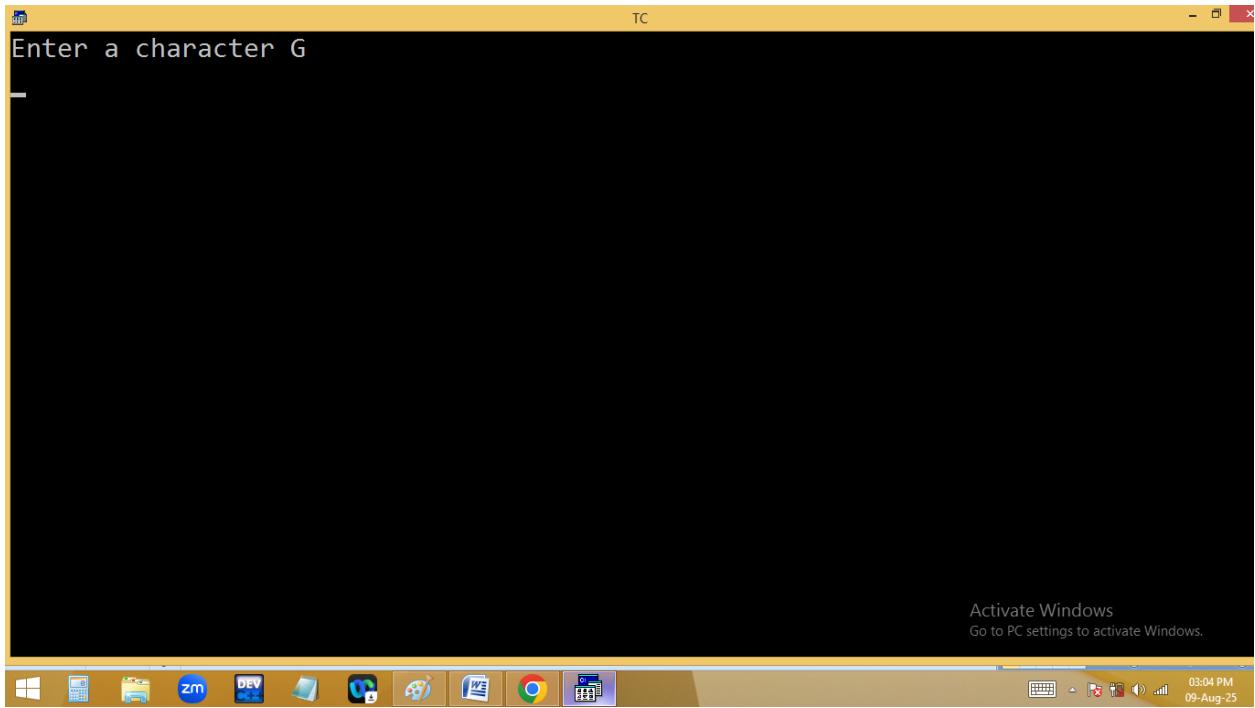
 ↓

Finding the given char is lower case char or not using simple if?

```
File Edit Run Compile Project Options Debug Break/watch
Line 8 Col 53 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
char ch;
clrscr();
printf("Enter a character "); scanf("%c",&ch);
if(ch>='a'&&ch<='z')puts("It is a lower case char");
getch();
}
```

```
Activate Windows
Go to PC settings to activate Windows.

Enter a character d
It is a lower case char
```



```
#include<stdio.h>
#include<conio.h>
void main()
{
char ch;
clrscr();
printf("Enter a character "); scanf("%c",&ch);
if(ch>='a'&&ch<='z')puts("It is a lower case char");
if(ch<'a'||ch>'z')puts("It is not a lower case char");
getch();
}
```

```
Enter a character g
It is a lower case char
```

```
TC
Enter a character H
It is not a lower case char
```

Activate Windows
Go to PC settings to activate Windows.

```
TC
File Edit Run Compile Project Options Debug Break/watch
Line 9 Col 23 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
char ch;
clrscr();
printf("Enter a character "); scanf("%c",&ch);
if(ch>='a'&&ch<='z')puts("It is a lower case char");
if(!(ch>='a'&&ch<='z'))puts("It is not a lower case char");
getch();
}
```

Activate Windows
Go to PC settings to activate Windows.

```
TC
Enter a character f
It is a lower case char
-
```

Activate Windows
Go to PC settings to activate Windows.

```
TC
Enter a character *
It is not a lower case char
-
```

Activate Windows
Go to PC settings to activate Windows.

Currency denomination?

753 Rs/- total

1 – 500/-

1 – 200/-

1 – 50/-

1 – 2/-

1 – 1/-

```
Line 18 Col 43 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
long n;
clrscr();
printf("Enter the amount ");scanf("%ld",&n);
if(n/500!=0)printf("%d-500/-\n",n/500); n=n%500;
if(n/200!=0)printf("%d-200/-\n",n/200); n=n%200;
if(n/100!=0) printf("%d-100/-\n",n/100); n=n%100;
if(n/50!=0) printf("%d-50/-\n",n/50); n=n%50;
if(n/20!=0) printf("%d-20/-\n",n/20); n=n%20;
if(n/10!=0) printf("%d-10/-\n",n/10); n=n%10;
if(n/5!=0) printf("%d-5/-\n",n/5); n=n%5;
if(n/2!=0) printf("%d-2/-\n",n/2); n=n%2;
if(n/1!=0) printf("%d-1/-\n",n/1); n=1%2;
getch();
}

Activate Windows
Go to PC settings to activate Windows.

TC
```

```
1-500/-
1-200/-
1-50/-
1-2/-
1-1/-
```

```
Activate Windows
Go to PC settings to activate Windows.

TC
```

```
03:26 PM
09-Aug-25
```

```
TC
Enter the amount 23
1-20/-
1-2/-
1-1/-
TC
Activate Windows
Go to PC settings to activate Windows.

Enter the amount 10000
20-500/-
```

Activate Windows
Go to PC settings to activate Windows.

03:26 PM
09-Aug-25

TC
Activate Windows
Go to PC settings to activate Windows.

Windows Start File Explorer ZM DEV Notepad Paint MS Word Google Chrome File Explorer 03:27 PM 09-Aug-25

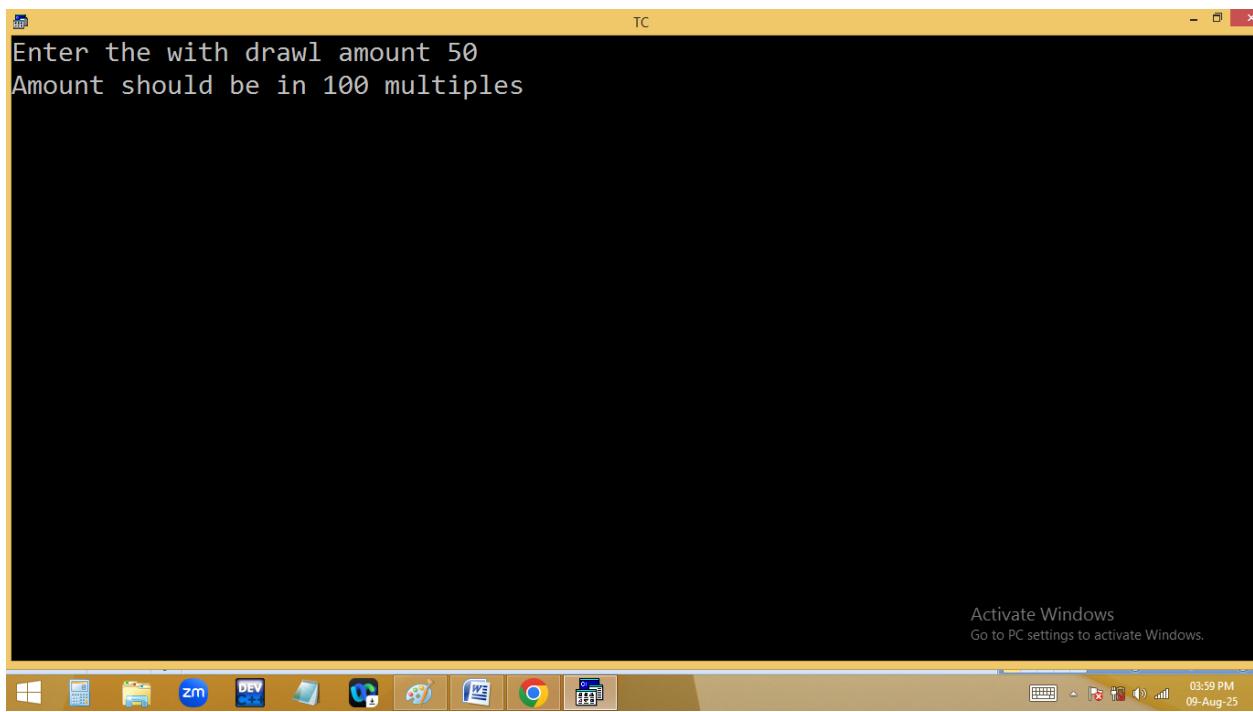
ATM withdrawl program?

With condition:

A screenshot of a Windows desktop environment. At the top is a taskbar with various icons. Below it is a terminal window titled 'TC' with a dark blue background. The terminal window has a menu bar with options: File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. It displays the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
long n;
clrscr();
printf("Enter the withdrawl amount ");scanf("%ld",&n);
if(n%100==0) printf("Take your cash %ld", n);
if(!(n%100==0)) printf("Amount should be in 100 multiples");
getch();
}
```

The terminal window shows the output of the program. It first prompts the user to enter a withdrawal amount. After entering '1000', it outputs 'Take your cash 1000'. The taskbar at the bottom of the screen also shows the date and time as 09-Aug-25.



Without using condition:

```
#include<stdio.h>
#include<conio.h>
void main()
{
long n;
clrscr();
printf("Enter the withdrawl amount ");scanf("%ld",&n);
printf("Take your cash %ld", n);
getch();
}
```

```
Enter the withdrawl amount 123
Take your cash 123_
```