

If:

if:

It is a decision making statement.

It is a keyword is used to check the given condition / expression is true or false.

Note: In c other than 0 any thing is 1 i.e. true.

C provides 4 type of if statements.

- 1. Simple if
- 2. If..else
- 3. If..else if / ladder if
- 4. Nested if

Simple if:

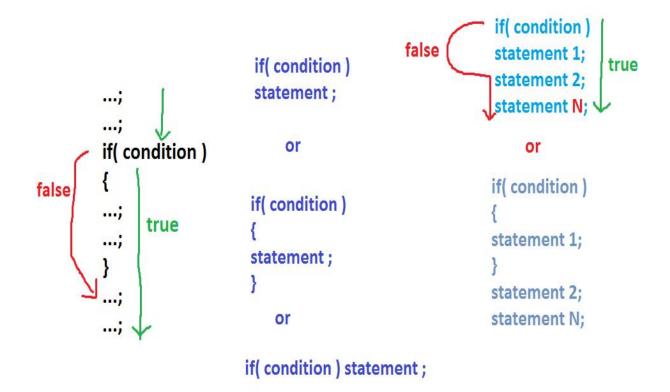
When the program is having only one option / condition then go for simple if.

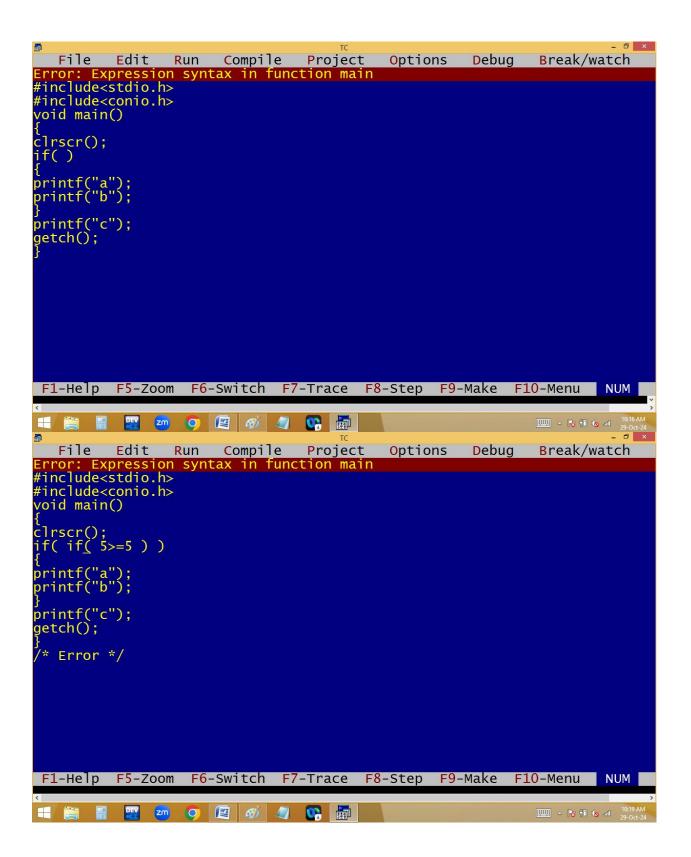
if condition true the statements in if block { } are executed and later outside statements also executed.

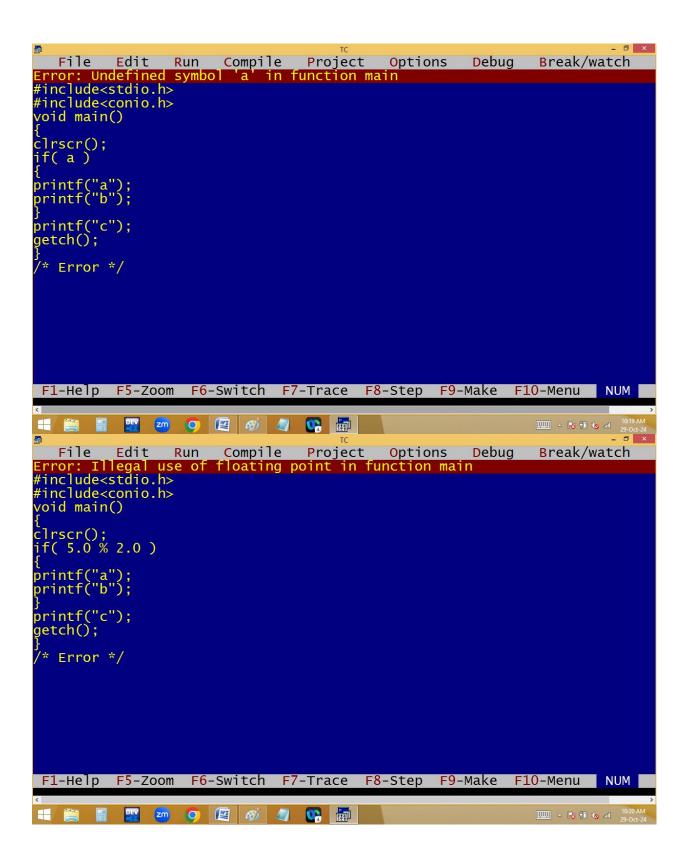
If condition false only the outside statements are executed.

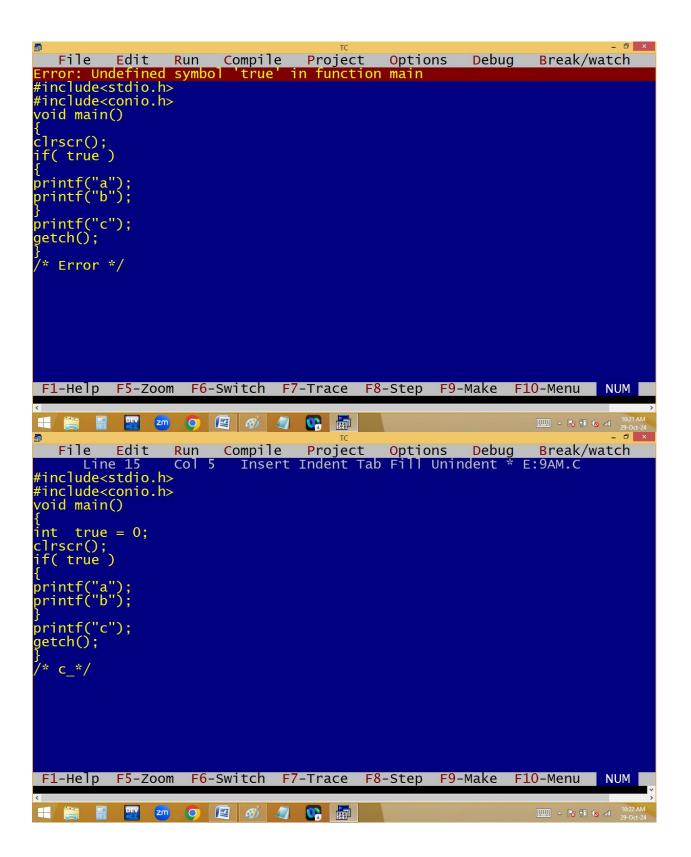
Note: When single statements is there { } are optional.

Syntax:









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Line 5 Col 16 Insert Indent Tab Fill Unindent * E:9AM.C
Line 5 (
#include<stdio.h>
#include<conio.h>
void main()
int true = 0.1<u>;</u>
clrscr();
if( true )
printf("a");
printf("b");
printf("c");
getch();
/* c */
 F1-Help F5-Zoom F6-Switch F7-Trace F8-Step F9-Make F10-Menu NUM
- R 11 6 al
   File Edit Run Compile Project Options Debug Break/watch
Line 15 Col 6 Insert Indent Tab Fill Unindent * E:9AM.C
Line 15
#include<stdio.h>
#include<conio.h>
void main()
float true = 0.1;
clrscr();
if( true )
printf("a");
printf("b");
printf("c");
getch();
/* abc */
F1-Help F5-Zoom F6-Switch F7-Trace F8-Step F9-Make F10-Menu NUM
                 △ 😼 📆 📞 📶 10:24 AM
```

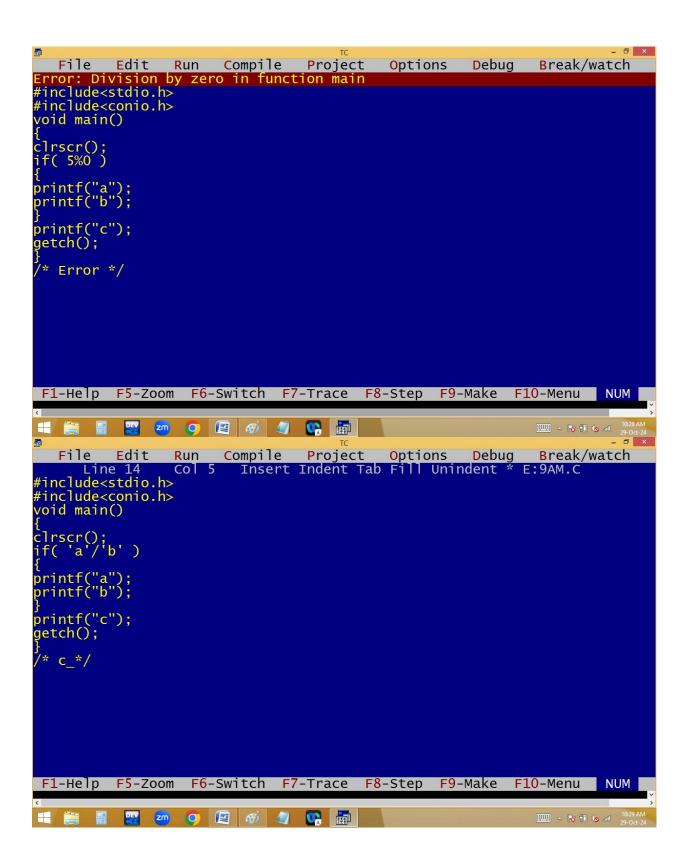
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   File Edit Run Compile Project Options Debug Break/watch
Line 6 Col 16 Insert Indent Tab Fill Unindent * E:9AM.C
Line 6 (
#include<stdio.h>
#include<conio.h>
yoid main()
int true = 'x';
clrscr();
if( true )
printf("a");
printf("b");
printf("c");
getch();
/* abc */
 F1-Help F5-Zoom F6-Switch F7-Trace F8-Step F9-Make F10-Menu NUM
- R 11 (b al
   File Edit Run Compile Project Options Debug Break/watch
Line 7 Col 8 Insert Indent Tab Fill Unindent * E:9AM.C
Line 7
#include<stdio.h>
#include<conio.h>
void main()
clrscr();
if( '0' )
printf("a");
printf("b");
printf("c");
getch();
/* abc */
F1-Help F5-Zoom F6-Switch F7-Trace F8-Step F9-Make F10-Menu NUM
                △ 😼 📆 📞 📶 10:26 AM
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Line 14 Col 4 Insert Indent Tab Fill Unindent * E:9AM.C

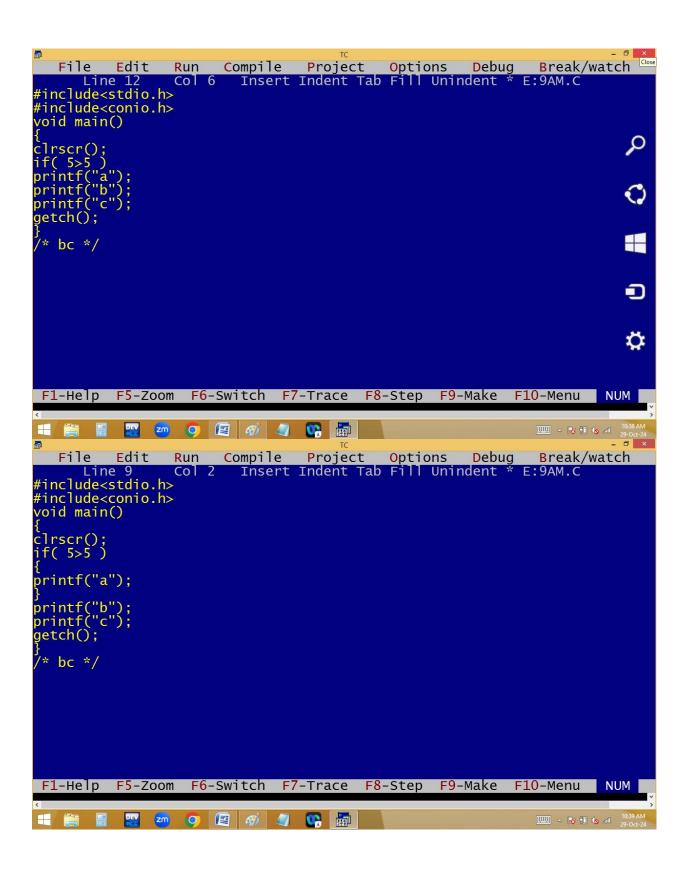
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
if( 0 )
{
printf("a");
printf("b");
}
printf("c");
getch();
}/* c */

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

F1-Help F5-Zoom F6-Switch F7-Trace F8-Step F9-Make F10-Menu NUM
```



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   File Edit Run Compile Project Options Debug Break/watch
Line 14 Col 6 Insert Indent Tab Fill Unindent * E:9AM.C
Line 14 (
#include<stdio.h>
#include<conio.h>
yoid main()
clrscr();
if( 5/6.0 )
printf("a");
printf("b");
printf("c");
getch();
/* abc */
 F1-Help F5-Zoom F6-Switch F7-Trace F8-Step F9-Make F10-Menu NUM
- R 11 (b al
   File Edit Run Compile Project Options Debug Break/watch
Line 15 Col 11 Insert Indent Tab Fill Unindent * E:9AM.C
Line 15
#include<stdio.h>
#include<conio.h>
void main()
clrscr();
if( 5>5 );
printf("a");
printf("b");
printf("c");
getch();
/* abc */
F1-Help F5-Zoom F6-Switch F7-Trace F8-Step F9-Make F10-Menu NUM
                △ 😼 📆 📞 all 10:34 AM
```

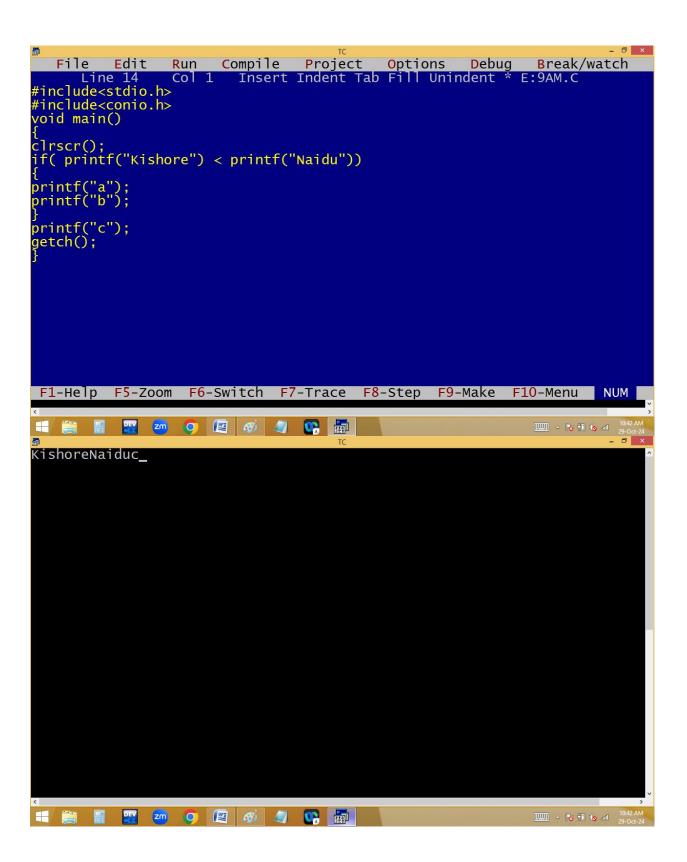


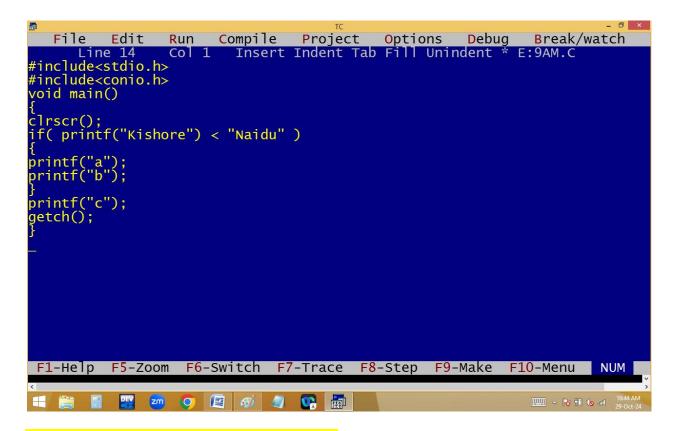
```
File Edit Run Compile Project Options Debug Break/watch

Line 15 Col 1 Insert Indent Tab Fill Unindent * E:9AM.C

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

Output: Kishorebc





Print kishore without using;

