

The image shows a Windows desktop environment with two windows open. The top window is a terminal window titled 'TC' with a yellow header bar. It displays a C program:

```
#include<stdio.h>
void main()
{
printf("My First C Program");
}
/* Fn+F2 - Save
Alt+F9 - Compile
Ctrl+F9 - Run
Alt+F5 - Output
Alt+X - Quit
f5 - full blue screen
f6 - switch between files
alt+f3 - close
alt+w and close all
f3 - open old files
*/
```

The status bar at the bottom of the terminal window shows: Line 16 Col 3 Insert Indent Tab Fill Unindent * E:2PM.C

The bottom window is a command prompt window titled 'TC' with a yellow header bar. It displays the text: My First C Program

The taskbar at the bottom of the screen shows several pinned icons: File Explorer, Google Chrome, VLC, Microsoft Word, Paint, Notepad, Task View, DEV, Z, File History, and Task Scheduler. The system tray shows the date and time as 2:29 PM 23-Aug-23.

```
File Edit Run Compile Project Options Debug Break/watch
Line 8 Col 1 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
int main()
{
printf("good afternoon");
return 0;
printf("good night");
}
```

Activate Windows
Go to PC settings to activate Windows.

```
good afternoon
```

Activate Windows
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```
File Edit Run Compile Project Options Debug Break/watch
Line 5 Col 8 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
void main()
{
printf("good afternoon");
return ;
printf("good night");
}
```

Activate Windows
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```
good afternoon
```

Activate Windows
Go to PC settings to activate Windows.

TC

File Edit Run Compile Project Options Debug Break/watch
Line 6 Col 14 Insert Indent Tab Fill Unindent * E:2PM.C

```
#include<stdio.h>
void main()
{
printf("Kishore");
printf("Vizag");
printf("AP");
}
```

Activate Windows
Go to PC settings to activate Windows.

KishoreVizagAP_

TC

Activate Windows
Go to PC settings to activate Windows.

2:32 PM 23-Aug-23

The image shows a Windows desktop environment with two terminal windows open. Both windows are titled "TC".

The top terminal window displays the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
printf("Kishore");
getch();
printf("Vizag");
getch();
printf("AP");
getch();}
```

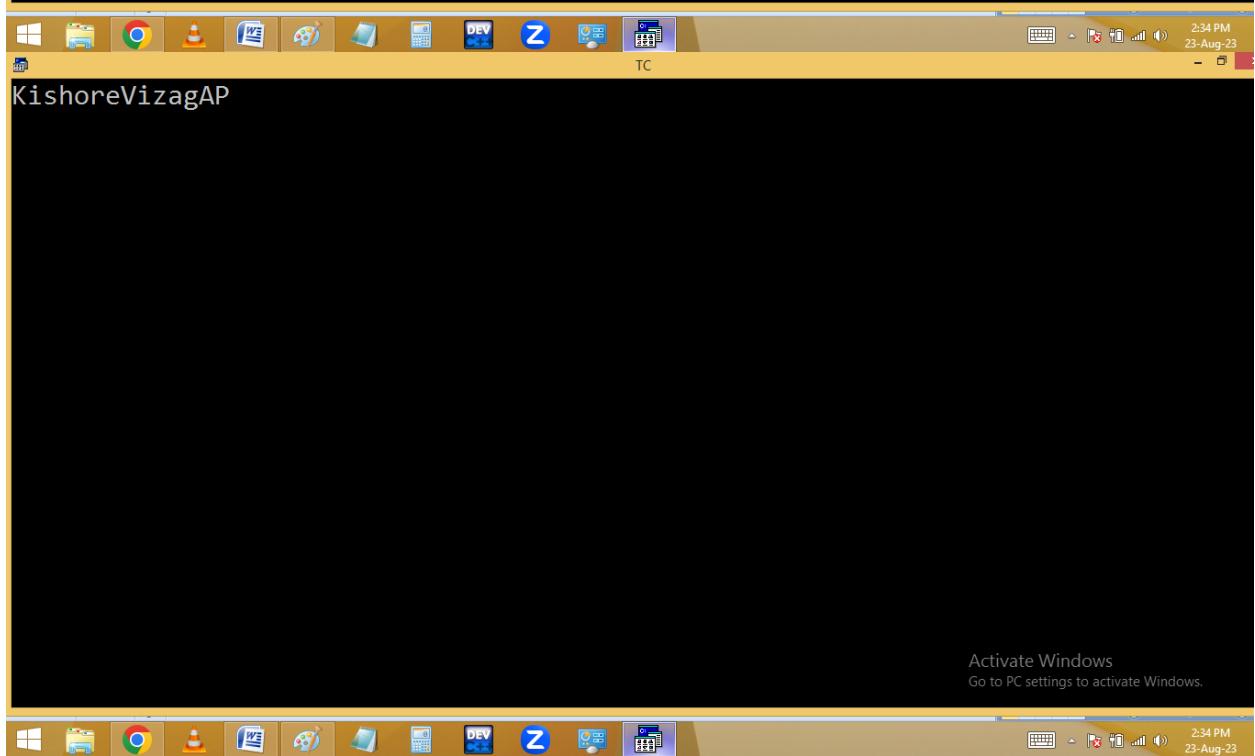
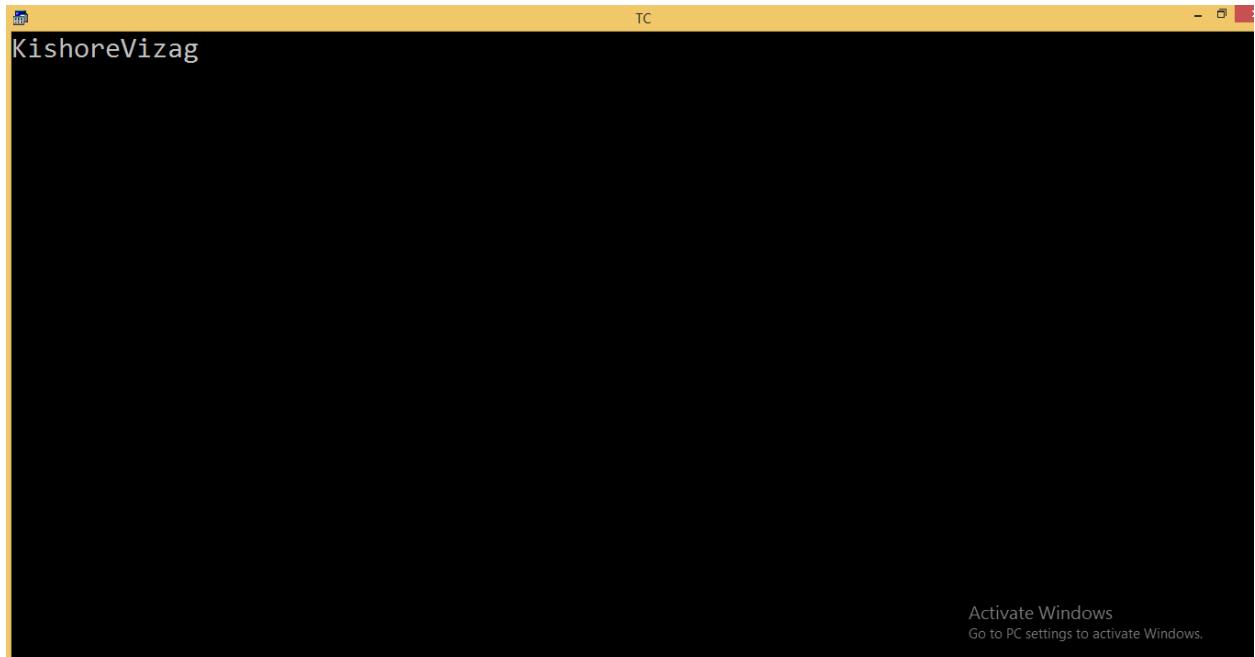
The bottom terminal window displays the output:

```
Kishore_
```

The taskbar at the bottom of the screen contains several icons, including:

- Windows Start button
- File Explorer
- Google Chrome
- VLC Media Player
- Notepad
- Calculator
- DEV (Development Environment)
- Z (Zoom)
- File Manager

The system tray on the right side of the taskbar shows the date and time as "23-Aug-23" and "2:33 PM".



The image shows a Windows desktop environment with two terminal windows open. Both windows are titled "TC".

The top terminal window displays the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
printf("Kishore");
getch();
clrscr();
printf("Vizag");
getch();
clrscr();
printf("AP");
getch();
}
```

The bottom terminal window is black and contains the text "AP".

The taskbar at the bottom of the screen contains several icons, including:

- Windows Start button
- File Explorer
- Google Chrome
- VLC Media Player
- Notepad
- Paint
- Calculator
- DEV (Development Environment icon)
- Z (Zotero icon)
- File Manager

The system tray in the bottom right corner shows the date and time as "23-Aug-23" and "2:34 PM". It also includes icons for battery, signal strength, and volume.

C:\Users\kishore\Documents\p1.cpp - Dev-C++ 5.11

File Edit Search View Project Execute Tools AStyle Window Help

Project Classes Debug [*] p1.cpp

```
1 #include<stdio.h>
2 #include<conio.h>
3 #include<stdlib.h>
4 main()
5 {
6     printf("Kishore");
7     getch();
8     system("cls");
9     printf("Vizag");
10    getch();
11    system("cls");
12    printf("AP");
13    getch();
14 }
15 // f9 - compile
16 // f10 - run
17 // f11 - compile and run
```

Activate Windows
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Compiler Resources Compile Log Debug Find Results

Line: 7 Col: 13 Sel: 0 Lines: 17 Length: 252 Insert Done parsing in 0.016 seconds

2:38 PM 23-Aug-23

TC

File Edit Run Compile Project Options Debug Break/watch

Line 3 Col 19 Insert Indent Tab Fill Unindent * E:2PM.C

```
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
void main()
{
printf("Kishore");
getch();
system("cls");
printf("Vizag");
getch();
system("cls");
printf("AP");
getch();
}
```

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2:39 PM 23-Aug-23

BACK SLASH / ESCAPE SEQUENCE CHARACTERS

They started with back slash [\].

They used to format the outputs.

They participated in program execution but not displayed in output. Hence they are also called **escape sequence characters**.

Each back slash character=**1 byte i.e. one character.**

BACK SLASH CHARACTER	DESCRIPTION
\a	Alert [beep sound]
\b	Back space
\n	New line character
\t	Tab space
\r	Carriage return[beginning of line]
\f	Form feed ♀
\v	Vertical tab ♂
\0	Null char
\\\	\ [invalid]
\k	k [invalid]

TC

File Edit Run Compile Project Options Debug Break/watch
Line 9 Col 26 Insert Indent Tab Fill Unindent * E:2PM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
printf("\aKishore\tNaidu\n");
printf("Naresh\tIT\n");
printf("S\b\vAmeerpet\f");
printf("\nSec-500016\rHyd");
getch();
printf("\a");
}
```

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2:58 PM 23-Aug-23

TC

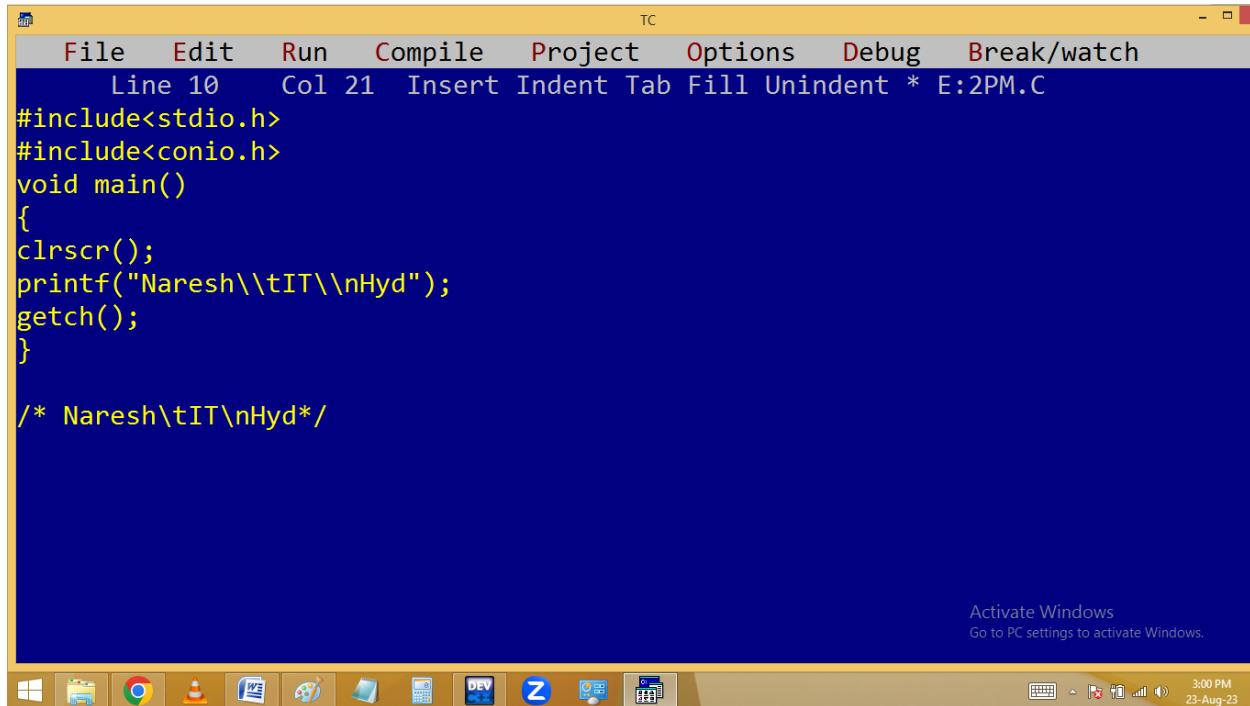
```
Kishore      Naidu
Naresh   IT
đAmeerpet♀
Hyd-500016
```

Activate Windows
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2:59 PM 23-Aug-23

Write a c program to print back slash char's

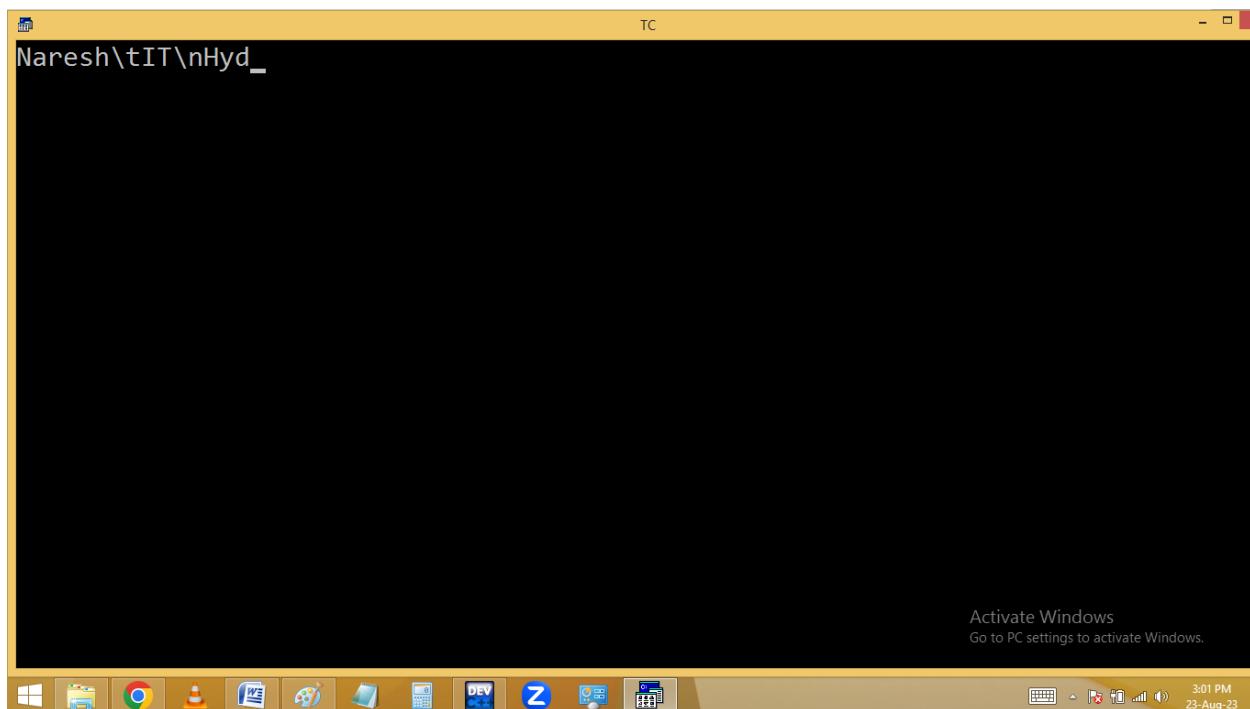


```
TC
File Edit Run Compile Project Options Debug Break/watch
Line 10 Col 21 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
printf("Naresh\\tIT\\nHyd");
getch();
}

/* Naresh\tIT\nHyd*/
```

Activate Windows
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3:00 PM 23-Aug-23



```
TC
Naresh\tIT\nHyd_
```

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3:01 PM 23-Aug-23

Naresh \\\tIT \\\nHyd

Naresh \tIT \nHyd

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()
{
clrscr();
printf("Naresh\\tIT\\nHyd");
getch();
}

/* Naresh\      IT\
   Hyd
*/
```

Activate Windows
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Naresh\tIT\nHyd

Naresh\tIT

Hyd

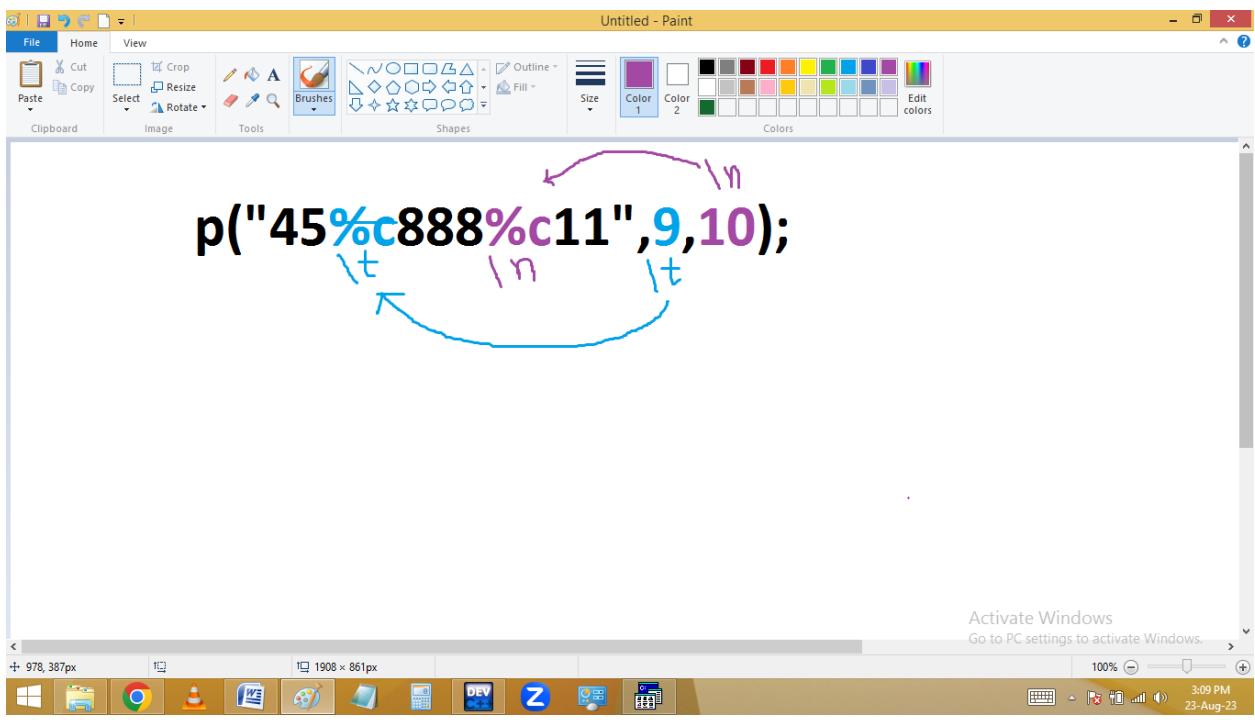
TC

File Edit Run Compile Project Options Debug Break/watch
Line 13 Col 8 Insert Indent Tab Fill Unindent * E:2PM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
printf("45%c888%c11",9,10);
getch();
}
/*
45      888
11
9 - \t
10 - \n
*/
```

Activate Windows
Go to PC settings to activate Windows.

The screenshot shows a Windows desktop environment. In the foreground, there is a code editor window titled 'TC' with the file 'E:2PM.C'. The code in the editor is a C program that prints '45' followed by a tab character, then '888' followed by a new line character, and finally '11'. Below the code editor is a standard Windows taskbar with various icons for applications like File Explorer, Google Chrome, and VLC Media Player. On the right side of the taskbar, there is a system tray showing the date and time as '23-Aug-23' and the system status.



TC

File Edit Run Compile Project Options Debug Break/watch
Line 6 Col 66 Insert Indent Tab Fill Unindent * E:2PM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
printf("%d, %d, %d, %d, %d, %d",'a','A','\0','\a','\b','\t','\n');
getch();
}
```

Activate Windows
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3:11 PM 23-Aug-23

TC

```
97, 65, 0, 7, 8, 9, 10_
```

Activate Windows
Go to PC settings to activate Windows.



3:11 PM 23-Aug-23

TC

File Edit Run Compile Project Options Debug Break/watch
Line 6 Col 27 Insert Indent Tab Fill Unindent * E:2PM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
printf("%cKISHORE%c",34,34);
getch();
}
```

Activate Windows
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3:13 PM 23-Aug-23

TC

"KISHORE"

Activate Windows
Go to PC settings to activate Windows.



3:13 PM 23-Aug-23

TC

File Edit Run Compile Project Options Debug Break/watch
Line 6 Col 20 Insert Indent Tab Fill Unindent * E:2PM.C

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

Activate Windows
Go to PC settings to activate Windows.



Keyboard 3:14 PM 23-Aug-23

TC

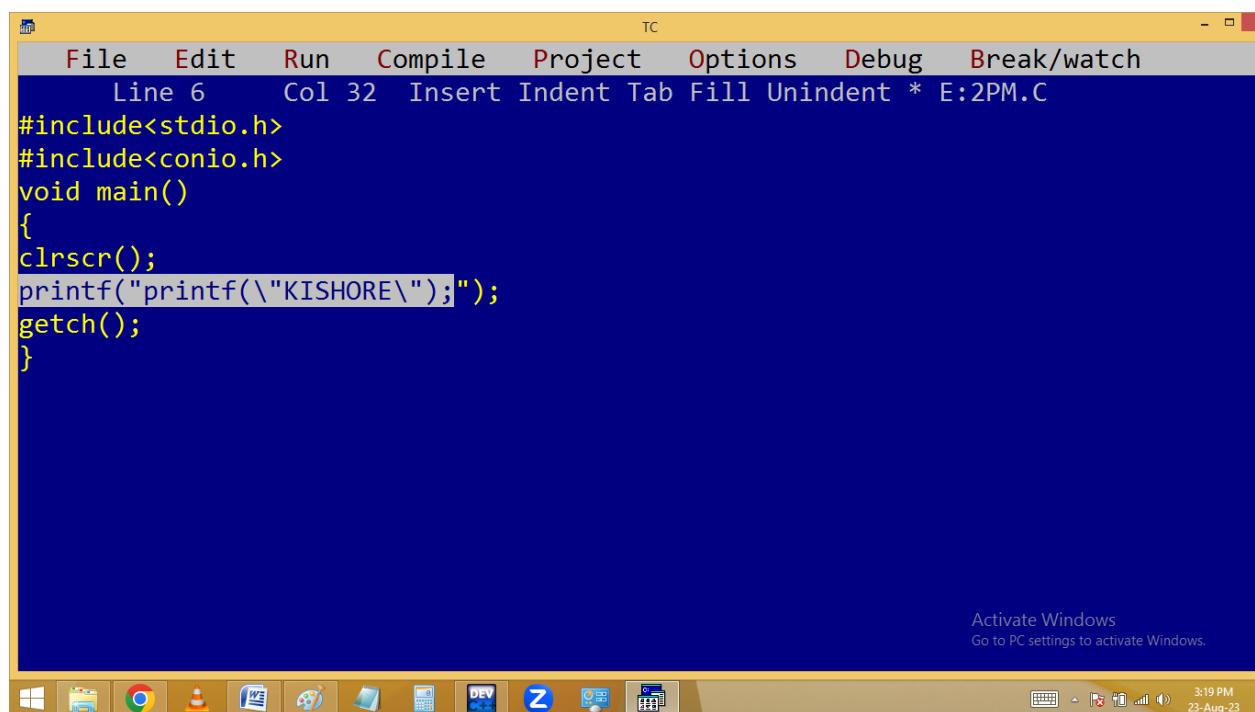
"KISHORE"

Activate Windows
Go to PC settings to activate Windows.



Keyboard 3:14 PM 23-Aug-23

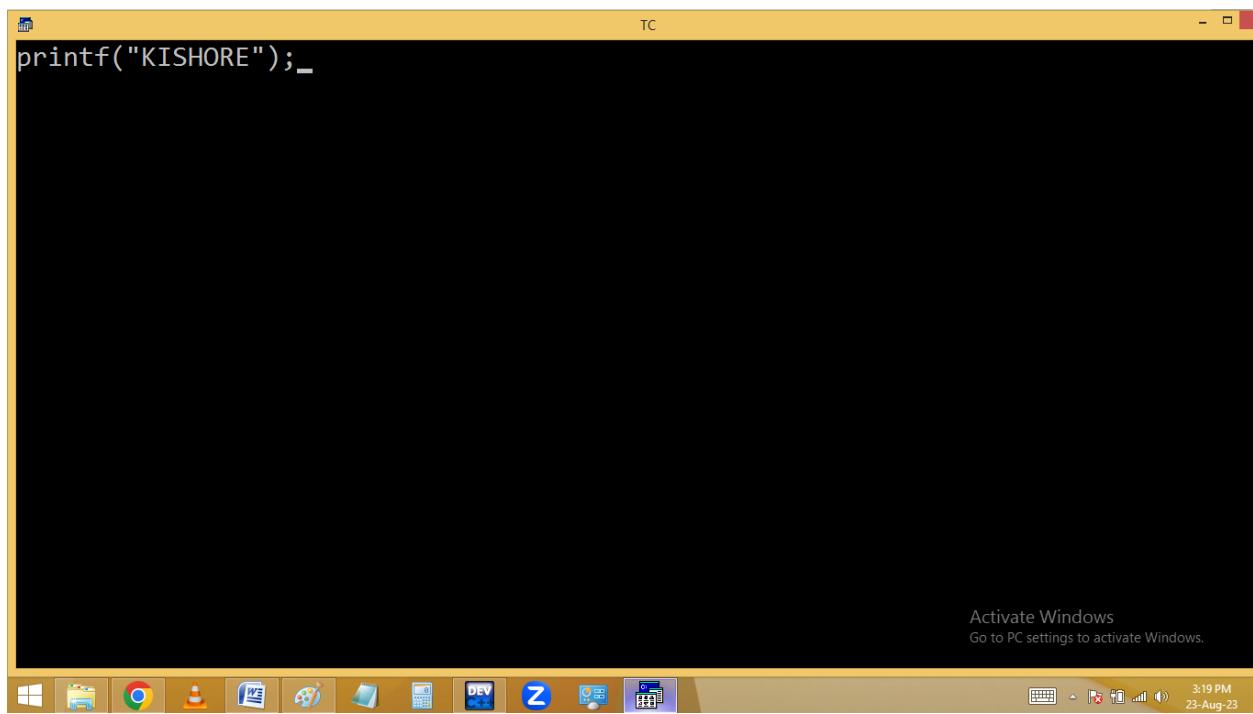
p("\"kishore\"");



The screenshot shows a Windows desktop environment. In the center is a window titled "TC" containing a C program. The menu bar includes File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the bottom indicates "Line 6 Col 32 Insert Indent Tab Fill Unindent * E:2PM.C". The code itself is:

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

At the bottom right of the screen, there is a watermark that says "Activate Windows Go to PC settings to activate Windows." The taskbar at the bottom features several icons for common applications like File Explorer, Google Chrome, and VLC Player.



p("printf(\"kishore\");");

TC

File Edit Run Compile Project Options Debug Break/watch
Line 8 Col 9 Insert Indent Tab Fill Unindent * E:2PM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a;
clrscr();
a = !!printf("KISHORE");
printf("%d",a);
getch();
}
```

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3:23 PM 23-Aug-23

TC

KISHORE1_-

Activate Windows
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3:23 PM 23-Aug-23

TC

File Edit Run Compile Project Options Debug Break/watch
Line 7 Col 23 Insert Indent Tab Fill Unindent * E:2PM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a;
clrscr();
a = ~printf("KISHORE\t");
printf("%d",a);
getch();
}
```

Activate Windows
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3:26 PM 23-Aug-23

TC

KISHORE - 9

Activate Windows
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3:26 PM 23-Aug-23

TC

File Edit Run Compile Project Options Debug Break/watch
Line 8 Col 6 Insert Indent Tab Fill Unindent * E:2PM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a;
clrscr();
a = ~~printf("KISHORE\t");
printf("%d",a);
getch();
}
```

Activate Windows
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3:28 PM 23-Aug-23

TC

KISHORE 8

Activate Windows
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3:28 PM 23-Aug-23

TC

File Edit Run Compile Project Options Debug Break/watch
Line 6 Col 40 Insert Indent Tab Fill Unindent * E:2PM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a;
clrscr();
a = printf("KISHORE")<<printf("Naidu");-
printf("%d",a);
getch();
}
```

Activate Windows
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3:32 PM 23-Aug-23

TC

KISHORENaidu224

Activate Windows
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3:32 PM 23-Aug-23

TC

File Edit Run Compile Project Options Debug Break/watch
Line 6 Col 6 Insert Indent Tab Fill Unindent * E:2PM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
printf("%d",printf("KISHORE")<>printf("Naidu"));
getch();
}
```

Activate Windows
Go to PC settings to activate Windows.

Windows Start button, File Explorer, Google Chrome, VLC Media Player, Microsoft Word, Paint, Snipping Tool, Task View, DEV, Z, File Explorer, Task View, TC

3:34 PM 23-Aug-23

KISHORENaidu224

Activate Windows
Go to PC settings to activate Windows.

Windows Start button, File Explorer, Google Chrome, VLC Media Player, Microsoft Word, Paint, Snipping Tool, Task View, DEV, Z, File Explorer, Task View, TC

3:32 PM 23-Aug-23

Line 12 Col 40 Insert Indent Tab Fill Unindent * E:2PM.C

```
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
printf("%d + %d = %d\n",1,2,3);
printf("%d + %d = %d\n",'1','2','3');
printf("%c + %c = %c\n",'1','2','3');
printf("%c + %c = %c\n",65,66,99);
printf("Krish %c Radha\n",3);
printf("%c + %c = %c\n",1,2,3);
printf("%d + %d = %d\n",'a','b','A'+'B');
getch();
}
```

Activate Windows
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1 + 2 = 3
49 + 50 = 51
1 + 2 = 3
A + B = c
Krish ♥ Radha
⊕ + ⊖ = ♥
97 + 98 = 131

Activate Windows
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Page: 25 of 25 | Words: 99 |



TC

3:43 PM 23-Aug-23

```
TC
File Edit Run Compile Project Options Debug Break/watch
Line 12 Col 36 Insert Indent Tab Fill Unindent * E:2PM.C
#include<stdio.h>
#include<conio.h>
void main()
{
clrscr();
printf("%d friend %d\n"); /* Gr friend Gr */
printf("%s friend %s\n");
printf("%c friend %c\n");
printf("%d + %d = %d\n",1,2);
printf("%d + %d = %d\n",1,2,3,4);
printf("%c + %c = %c\n","1","2","3");
printf("%s + %s = %s\n",'1','2','3');
getch();
}
```

Activate Windows
Go to PC settings to activate Windows.

```
-20 friend 285
friend
∞ friend ∞
1 + 2 = -20
1 + 2 = 3
∅ + ∅ = ∞
ll pointer assignment
Divide error
Abnormal program termination
h→∅ + l pointer assignment
Divide error
Abnormal program termination
h→∅ = pointer assignment
Divide error
Abnormal program termination
h→∅
```

Activate Windows
Go to PC settings to activate Windows.