

SWITCH

It is a selection statement.

It is used to execute one case of statements from no of cases according to the switch expression value matched with case expression value. In switch the program is jumped to matching case like the go to label.

It is similar to ladder if in working style.

Switch performance is high when compared with ladder if because of it jumps to matching case.

Syntax:

```
switch(expression)
{
case  constexp1:
statements;
break;
case  constexp2:
statements;
break;
case  constexpN:
statements;
break;
[ default: statements; ]
}
```

Here switch, case, break, default are the keywords.

In between case and case expression / value at least one space should be provided. **Otherwise it will become a label.**

case expression/value should be a **constant integer/char value**. i.e. float / string not allowed.

One case contains one expression only.

case expression doesn't contain any separators like , . etc.

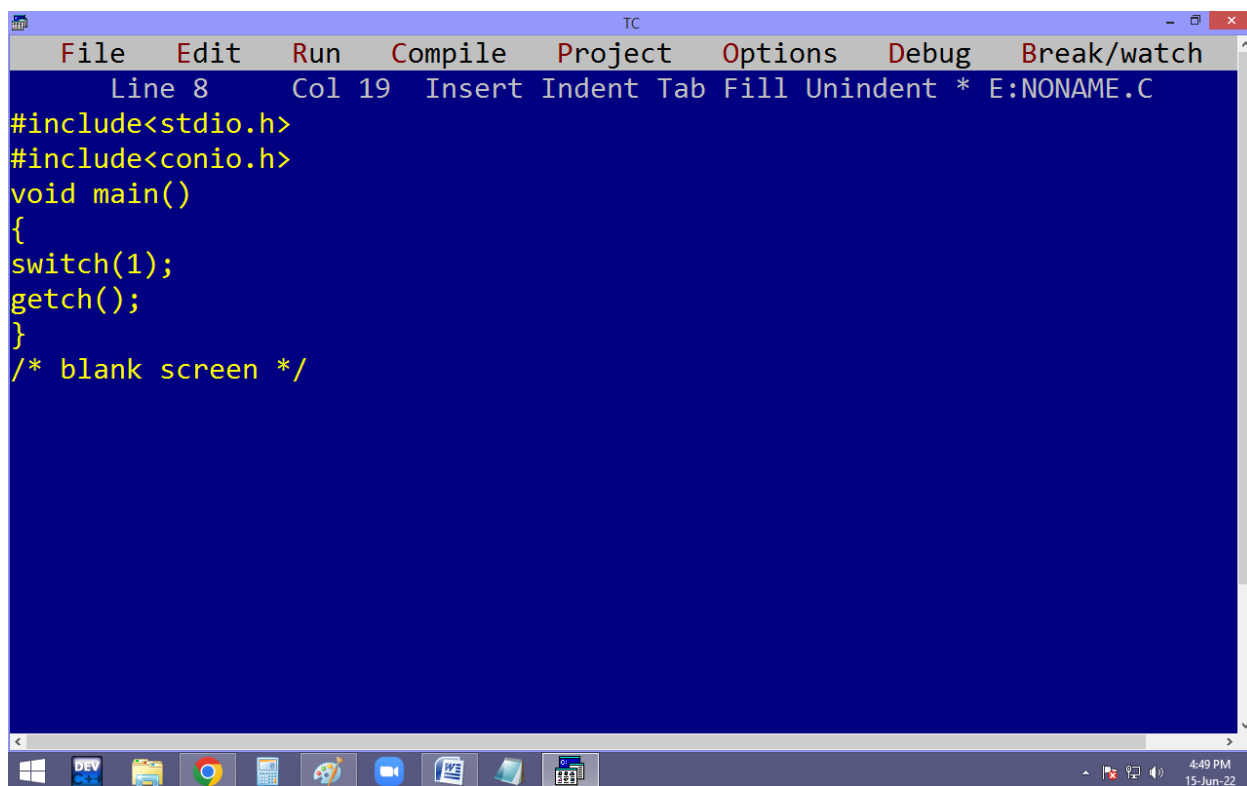
case expression should be end with : **(colon)**

Each case should be separated with break keyword. Otherwise remaining cases also executed.

Duplicate cases not allowed.

default is similar to the else and all cases are failed then default statements are executed. Default is optional and we can declare it anywhere in our switch.

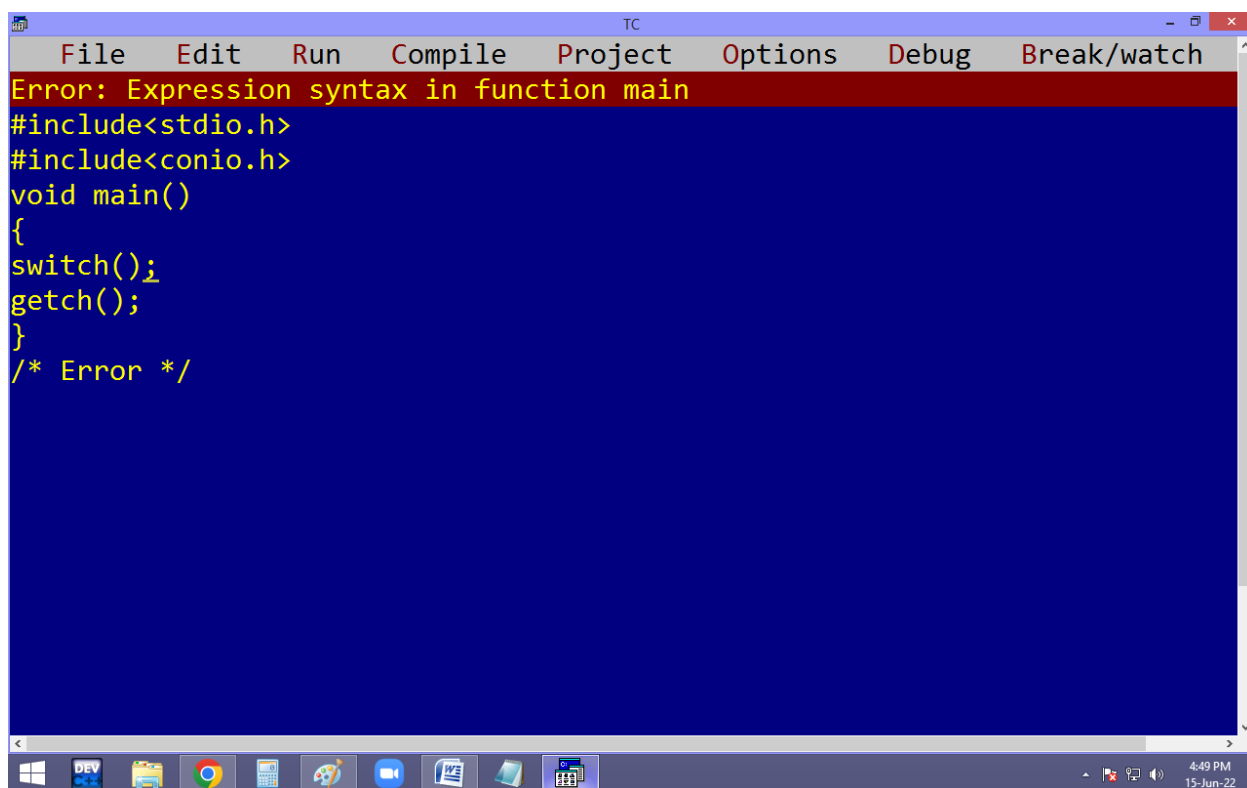
Outside case expressions not considered in switch.



The screenshot shows the Turbo C++ (TC) IDE window. The menu bar includes File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the top indicates 'Line 8 Col 19 Insert Indent Tab Fill Unindent * E:NONAME.C'. The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
switch(1);
getch();
}
/* blank screen */
```

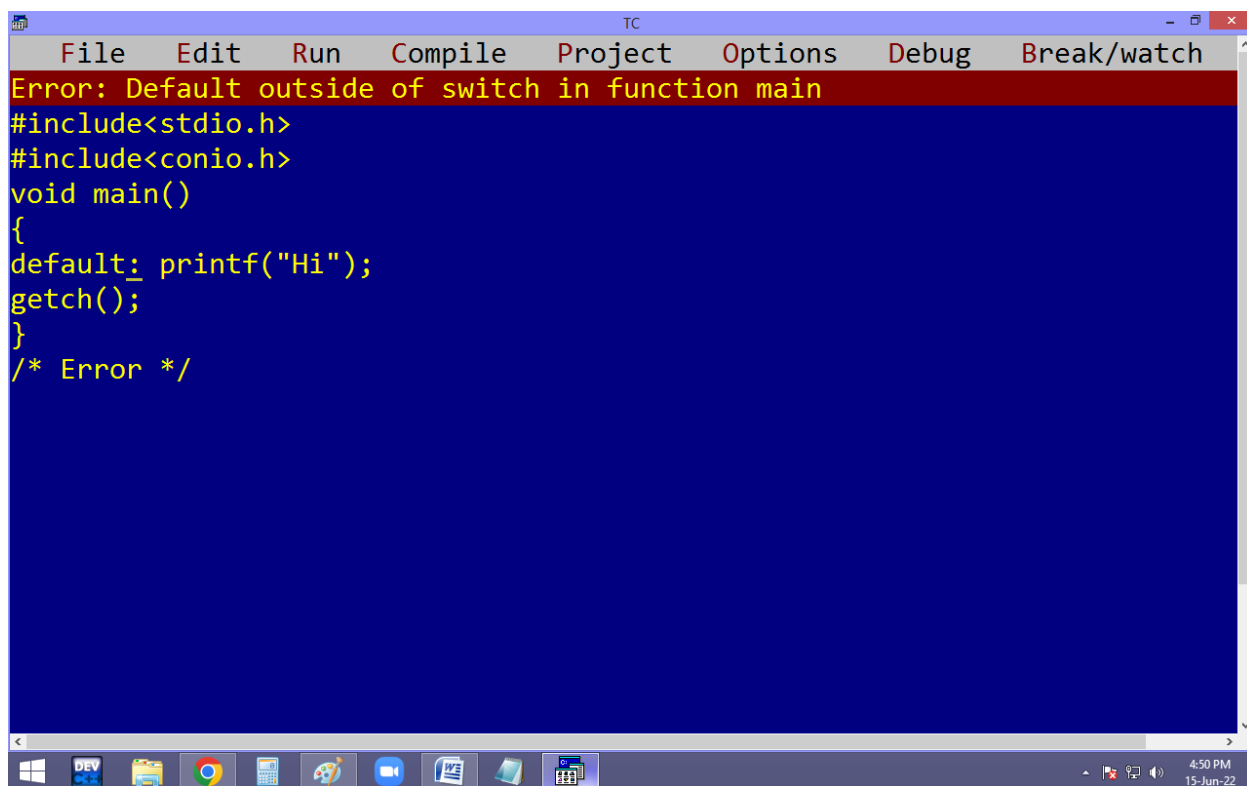
The Windows taskbar at the bottom shows the Start button and several application icons, including DEV C++, File Explorer, Google Chrome, and others. The system clock in the bottom right corner displays '4:49 PM 15-Jun-22'.



This screenshot shows the same Turbo C++ IDE window after compilation. A red error message banner is displayed at the top of the code area, stating 'Error: Expression syntax in function main'. The code in the editor is now:

```
#include<stdio.h>
#include<conio.h>
void main()
{
switch();
getch();
}
/* Error */
```

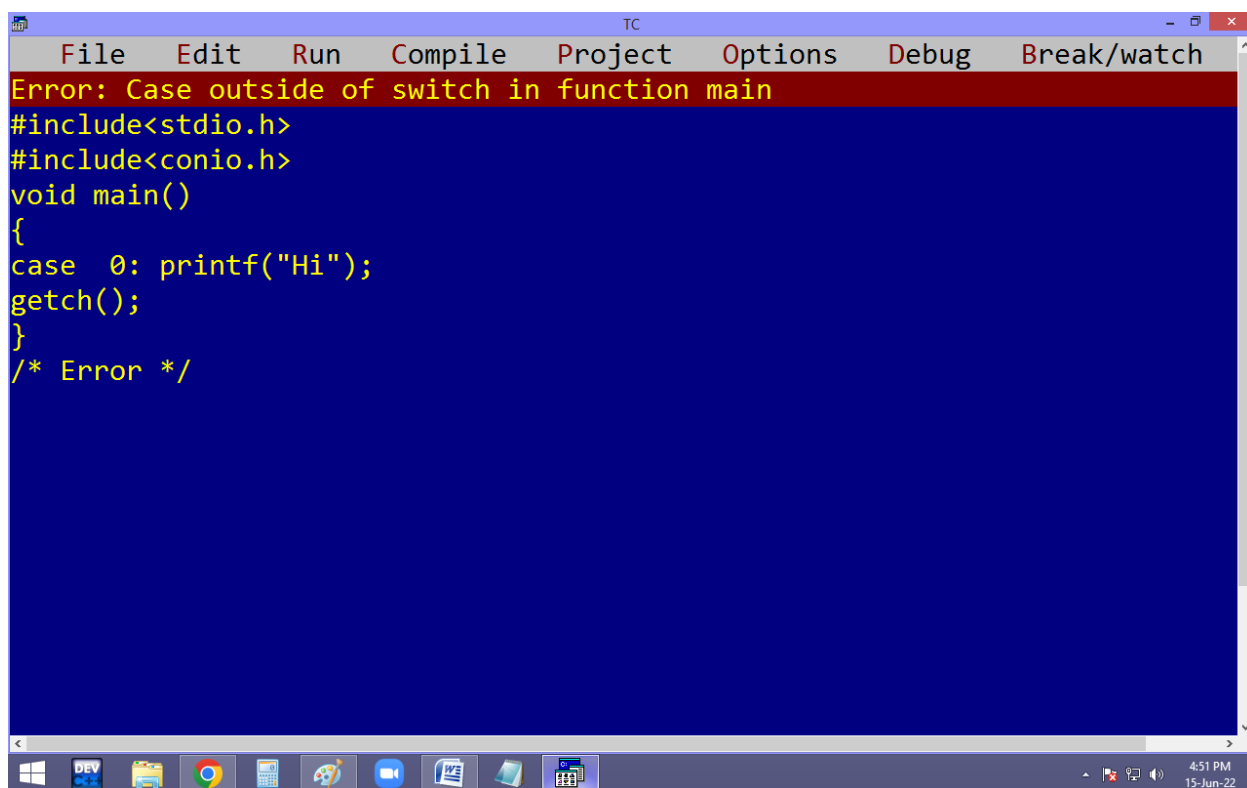
The error message is highlighted in red. The rest of the IDE interface, including the menu bar, status bar, and Windows taskbar, remains the same as in the previous screenshot.



The screenshot shows the Turbo C++ (TC) IDE window. The menu bar includes File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. A red error message banner at the top reads "Error: Default outside of switch in function main". The code editor contains the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
default: printf("Hi");
getch();
}
/* Error */
```

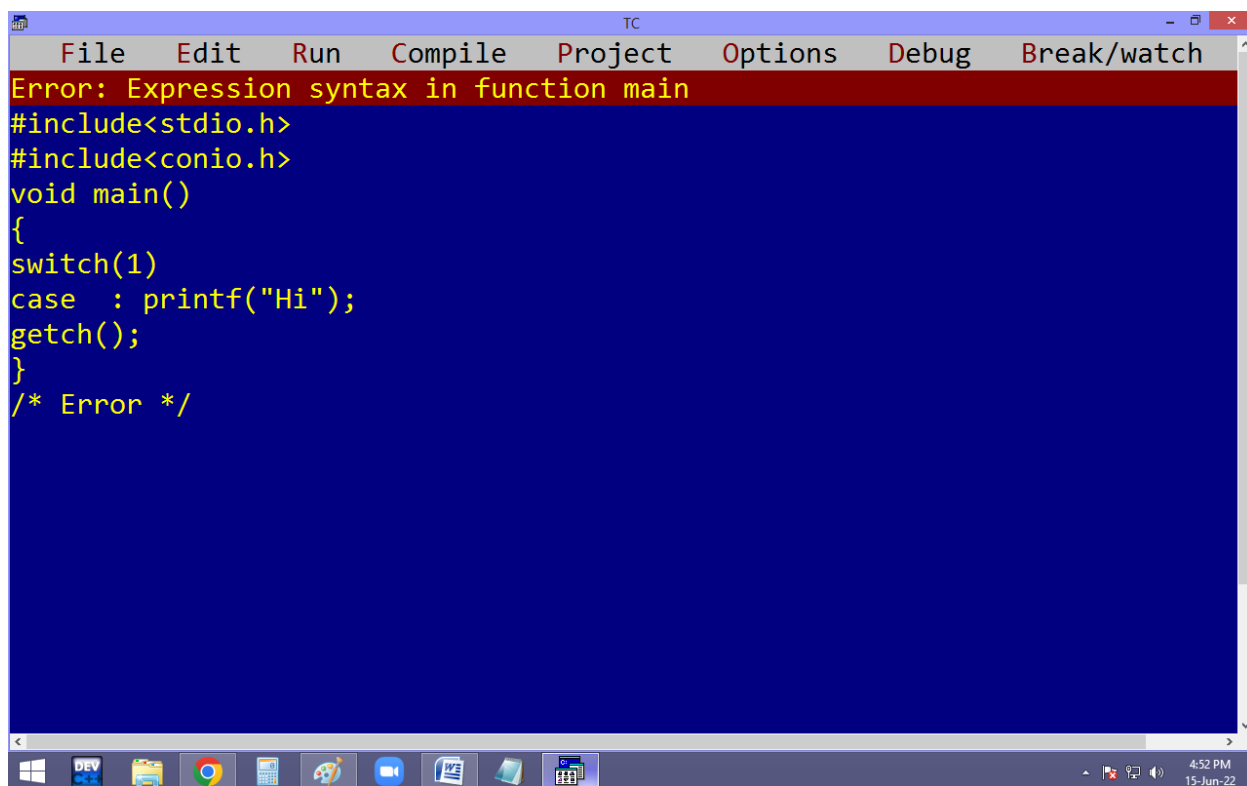
The Windows taskbar at the bottom shows various application icons and the system clock indicating 4:50 PM on 15-Jun-22.



The screenshot shows the Turbo C++ (TC) IDE window. The menu bar includes File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. A red error message banner at the top reads "Error: Case outside of switch in function main". The code editor contains the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
case 0: printf("Hi");
getch();
}
/* Error */
```

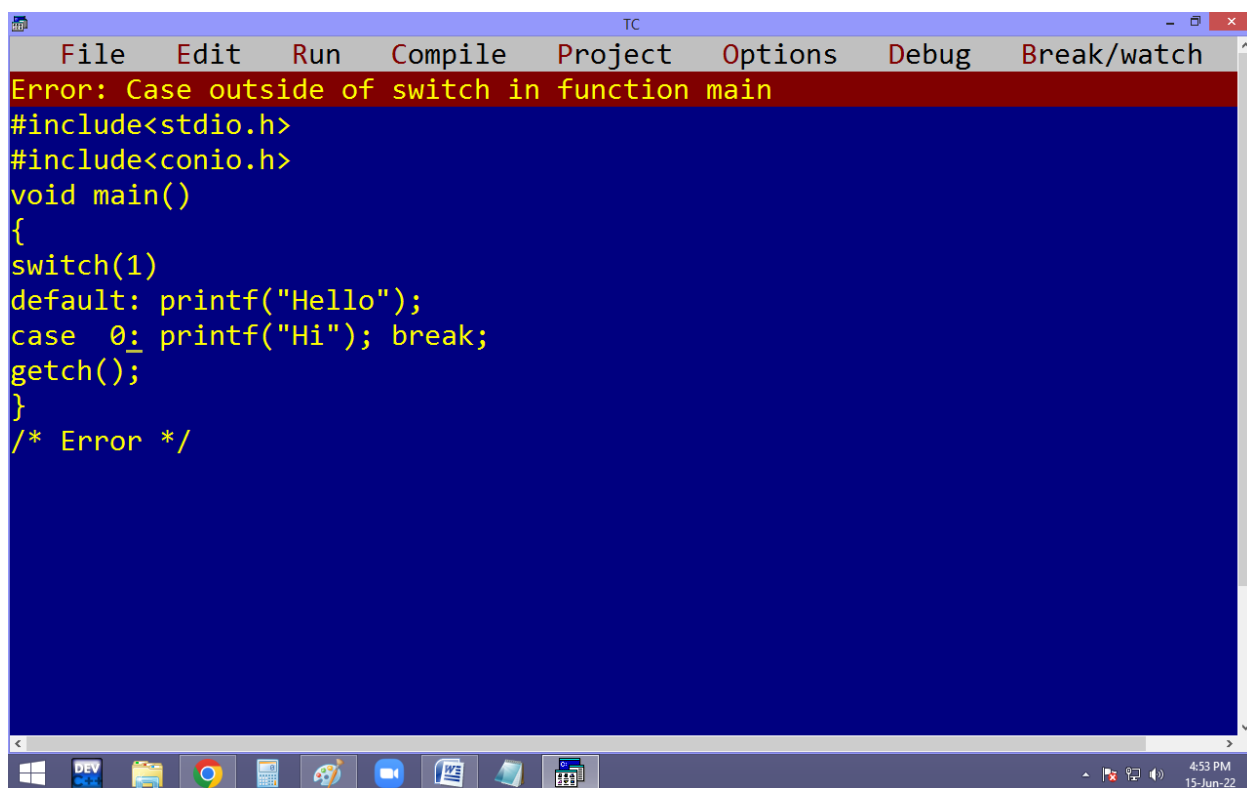
The Windows taskbar at the bottom shows various application icons and the system clock indicating 4:51 PM on 15-Jun-22.



The screenshot shows the Turbo C++ (TC) IDE with a menu bar (File, Edit, Run, Compile, Project, Options, Debug, Break/watch) and a dark blue editor window. A red error message bar at the top reads "Error: Expression syntax in function main". The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
switch(1)
case : printf("Hi");
getch();
}
/* Error */
```

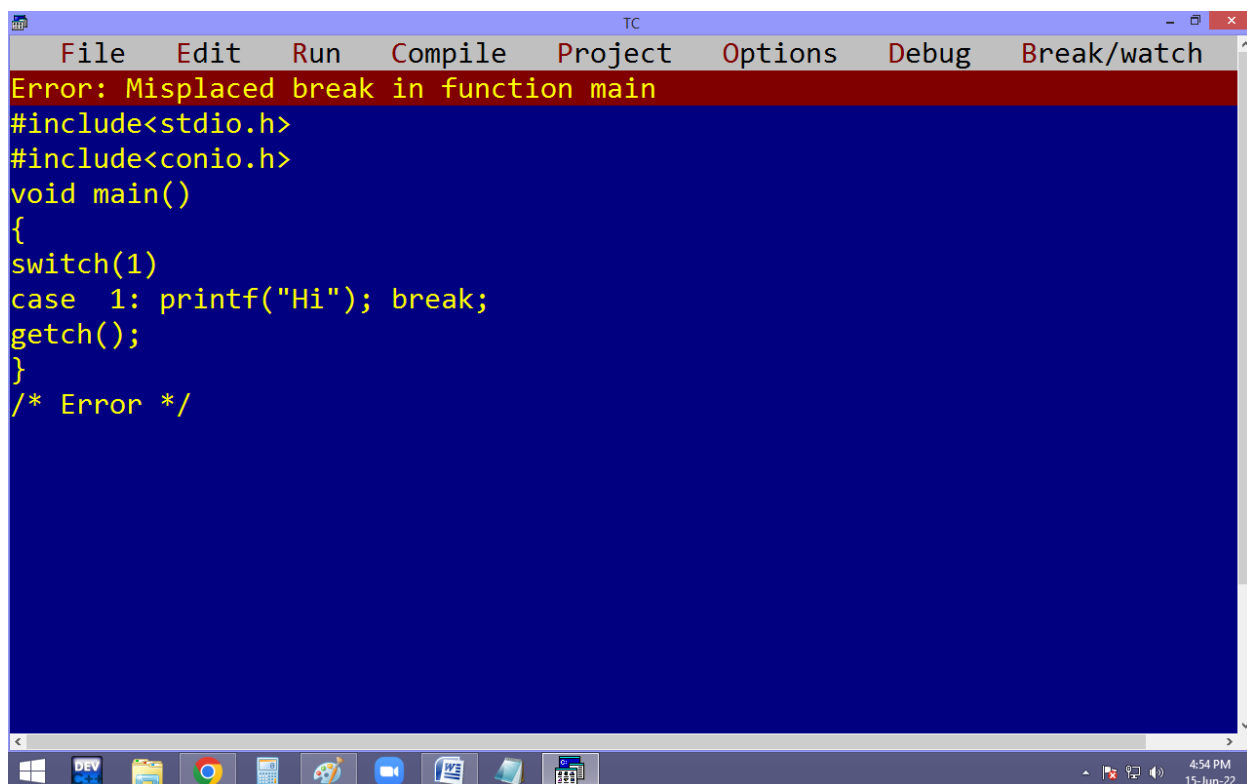
The Windows taskbar at the bottom shows various application icons and the system clock indicating 4:52 PM on 15-Jun-22.



The screenshot shows the Turbo C++ (TC) IDE with a menu bar (File, Edit, Run, Compile, Project, Options, Debug, Break/watch) and a dark blue editor window. A red error message bar at the top reads "Error: Case outside of switch in function main". The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
switch(1)
default: printf("Hello");
case 0: printf("Hi"); break;
getch();
}
/* Error */
```

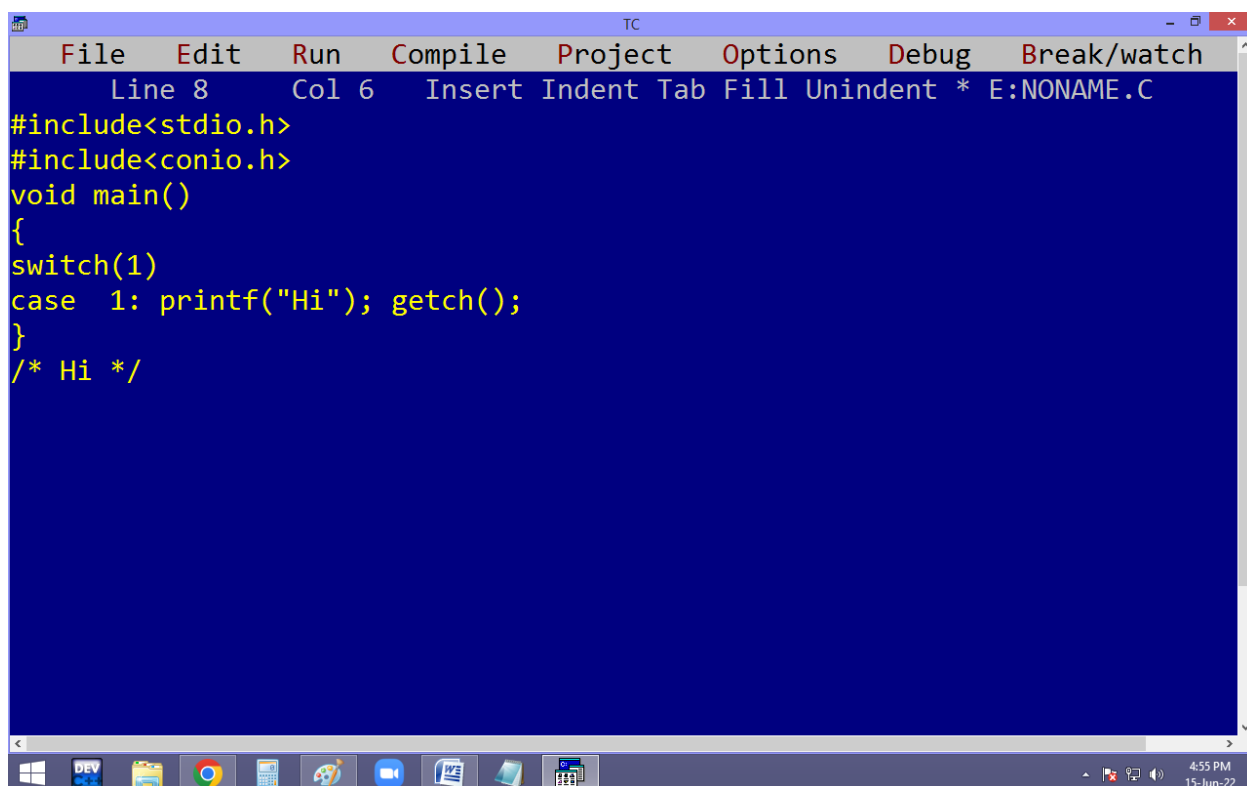
The Windows taskbar at the bottom shows various application icons and the system clock indicating 4:53 PM on 15-Jun-22.



The screenshot shows the Turbo C++ (TC) IDE with a red error message at the top: "Error: Misplaced break in function main". The code in the editor is as follows:

```
File Edit Run Compile Project Options Debug Break/watch
Error: Misplaced break in function main
#include<stdio.h>
#include<conio.h>
void main()
{
switch(1)
case 1: printf("Hi"); break;
getch();
}
/* Error */
```

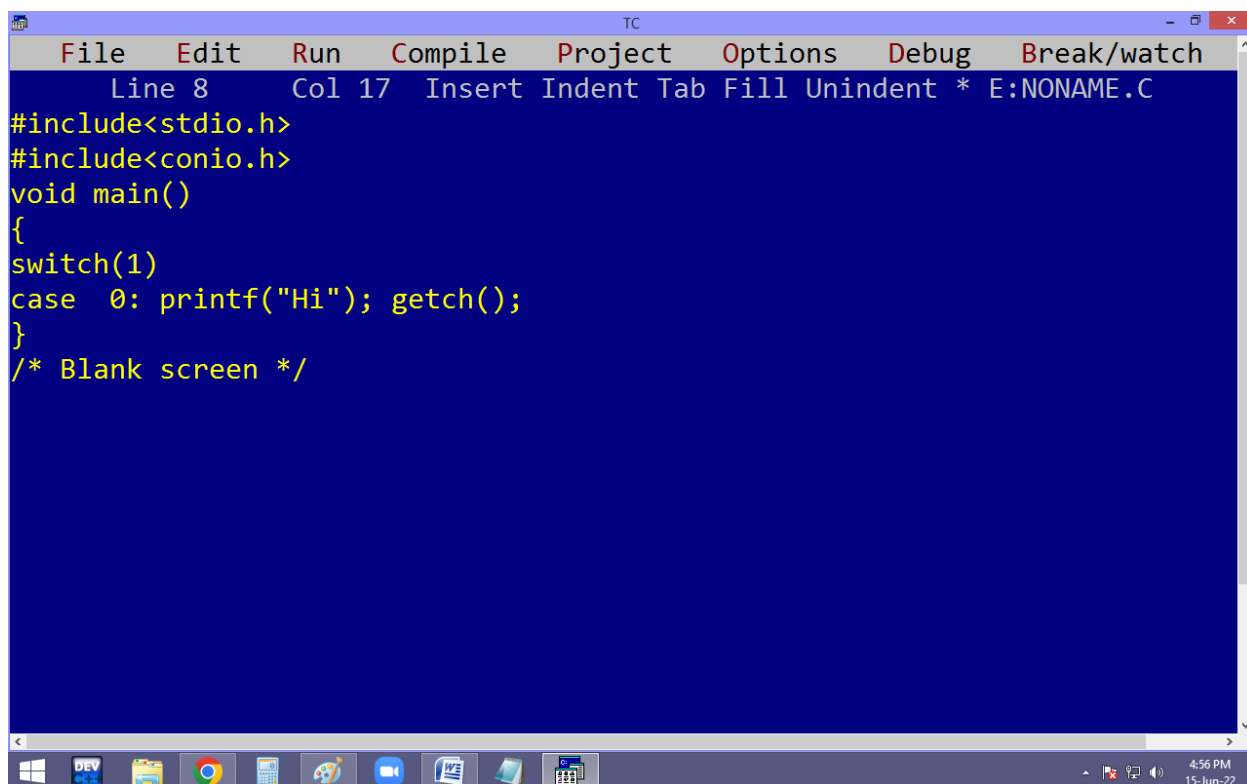
The Windows taskbar at the bottom shows the time as 4:54 PM on 15-Jun-22.



The screenshot shows the Turbo C++ (TC) IDE with the error message removed. The status bar at the top indicates "Line 8 Col 6 Insert Indent Tab Fill Unindent * E:NONAME.C". The code in the editor is as follows:

```
File Edit Run Compile Project Options Debug Break/watch
Line 8 Col 6 Insert Indent Tab Fill Unindent * E:NONAME.C
#include<stdio.h>
#include<conio.h>
void main()
{
switch(1)
case 1: printf("Hi"); getch();
}
/* Hi */
```

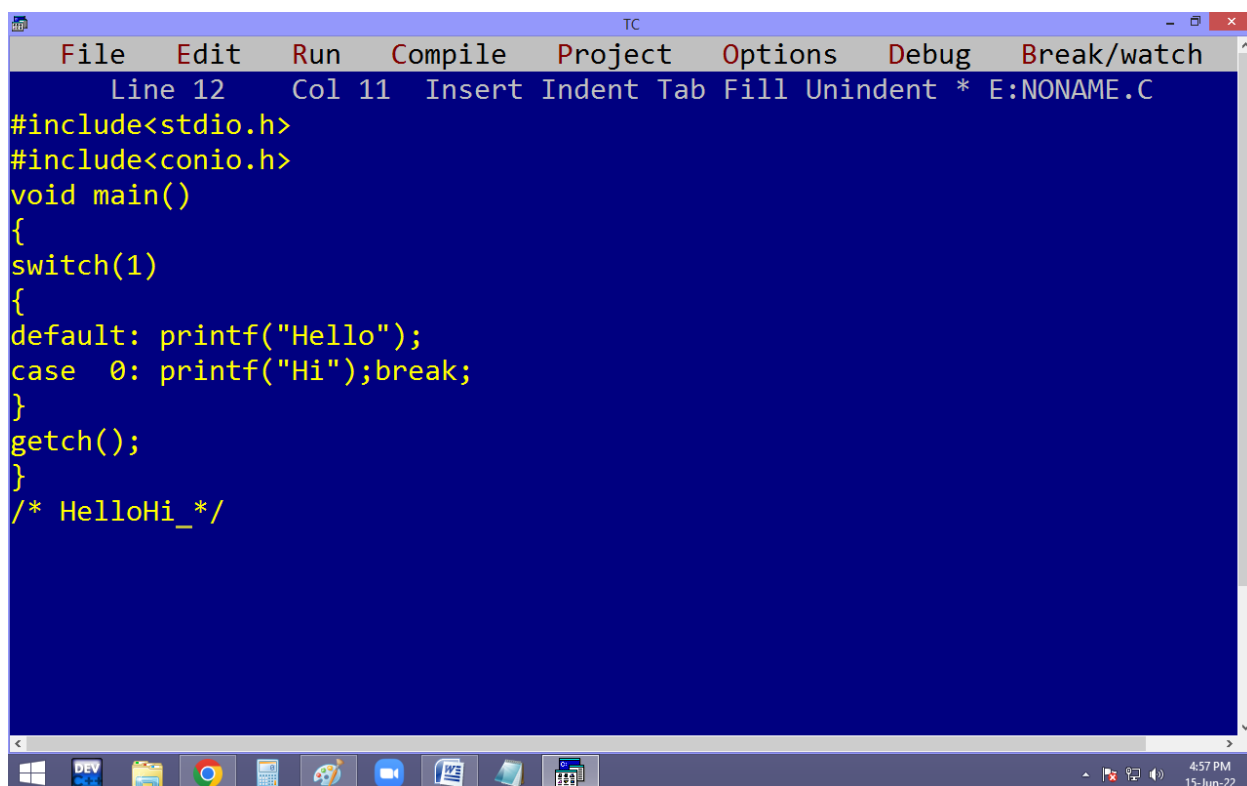
The Windows taskbar at the bottom shows the time as 4:55 PM on 15-Jun-22.



The screenshot shows the Turbo C++ (TC) IDE with a menu bar (File, Edit, Run, Compile, Project, Options, Debug, Break/watch) and a status bar (Line 8, Col 17, Insert, Indent, Tab, Fill, Unindent, * E:NONAME.C). The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
switch(1)
case 0: printf("Hi"); getch();
}
/* Blank screen */
```

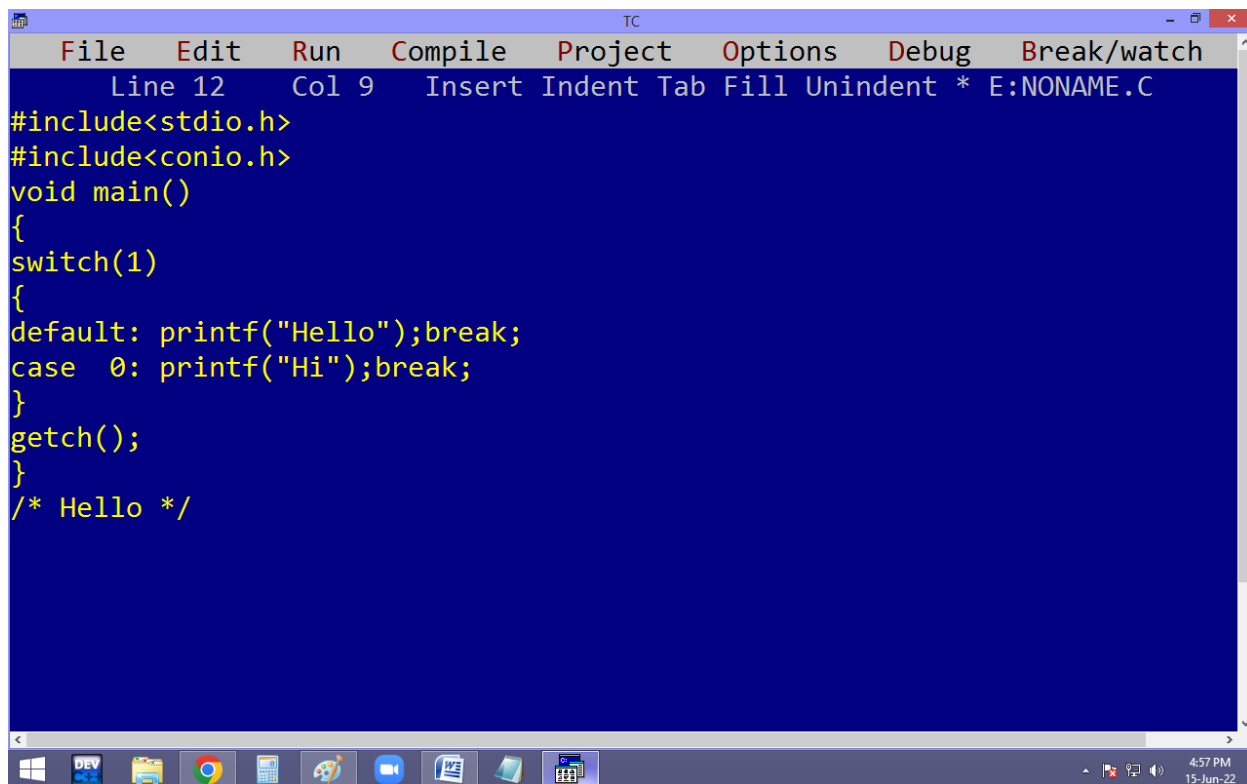
The Windows taskbar at the bottom shows the Start button and several application icons, including DEV C++, File Explorer, Google Chrome, and others. The system clock indicates 4:56 PM on 15-Jun-22.



The screenshot shows the Turbo C++ (TC) IDE with a menu bar (File, Edit, Run, Compile, Project, Options, Debug, Break/watch) and a status bar (Line 12, Col 11, Insert, Indent, Tab, Fill, Unindent, * E:NONAME.C). The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
switch(1)
{
default: printf("Hello");
case 0: printf("Hi");break;
}
getch();
}
/* HelloHi_*/
```

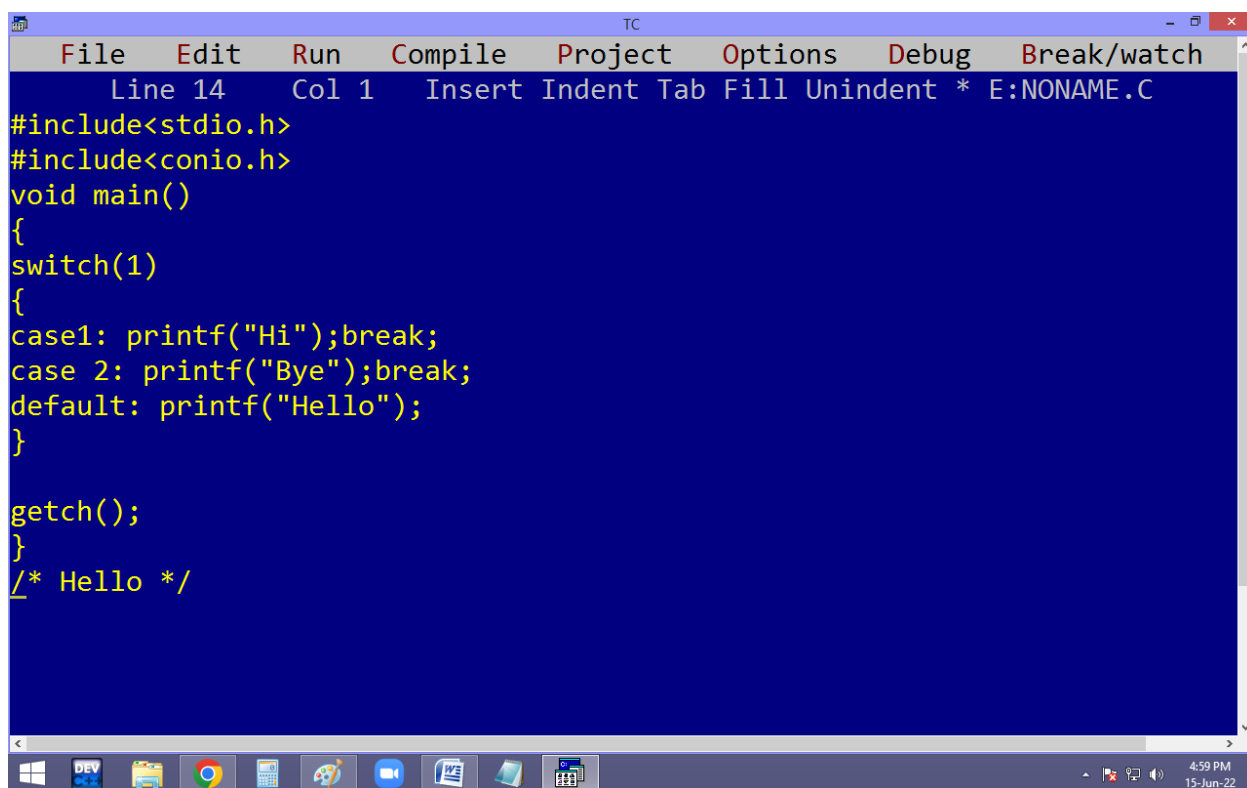
The Windows taskbar at the bottom shows the Start button and several application icons, including DEV C++, File Explorer, Google Chrome, and others. The system clock indicates 4:57 PM on 15-Jun-22.



The screenshot shows the Turbo C++ (TC) IDE window. The menu bar includes File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the top indicates 'Line 12 Col 9' and 'Insert Indent Tab Fill Unindent * E:NONAME.C'. The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
switch(1)
{
default: printf("Hello");break;
case 0: printf("Hi");break;
}
getch();
}
/* Hello */
```

The Windows taskbar at the bottom shows various icons including Windows, DEV C++, File Explorer, Google Chrome, Calculator, Paint, and others. The system clock in the bottom right corner shows 4:57 PM on 15-Jun-22.

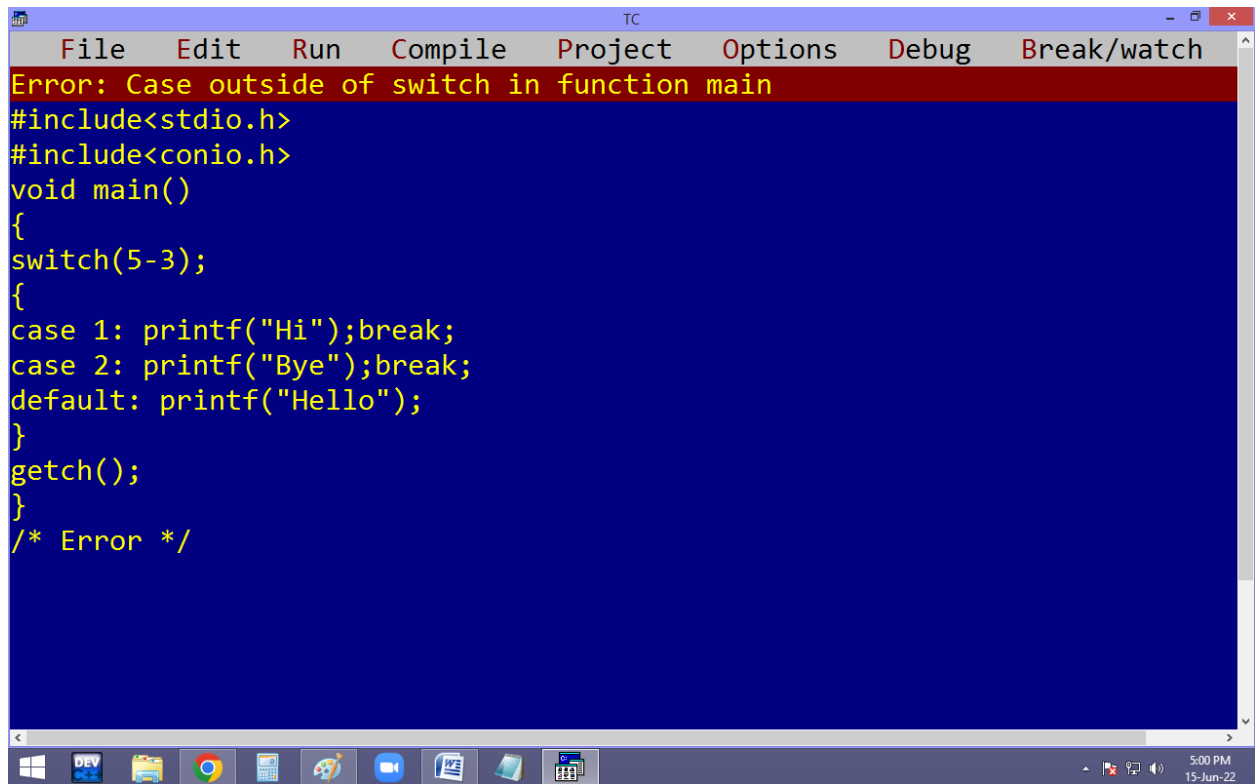


The screenshot shows the Turbo C++ (TC) IDE window. The menu bar includes File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the top indicates 'Line 14 Col 1' and 'Insert Indent Tab Fill Unindent * E:NONAME.C'. The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
switch(1)
{
case1: printf("Hi");break;
case 2: printf("Bye");break;
default: printf("Hello");
}

getch();
}
/* Hello */
```

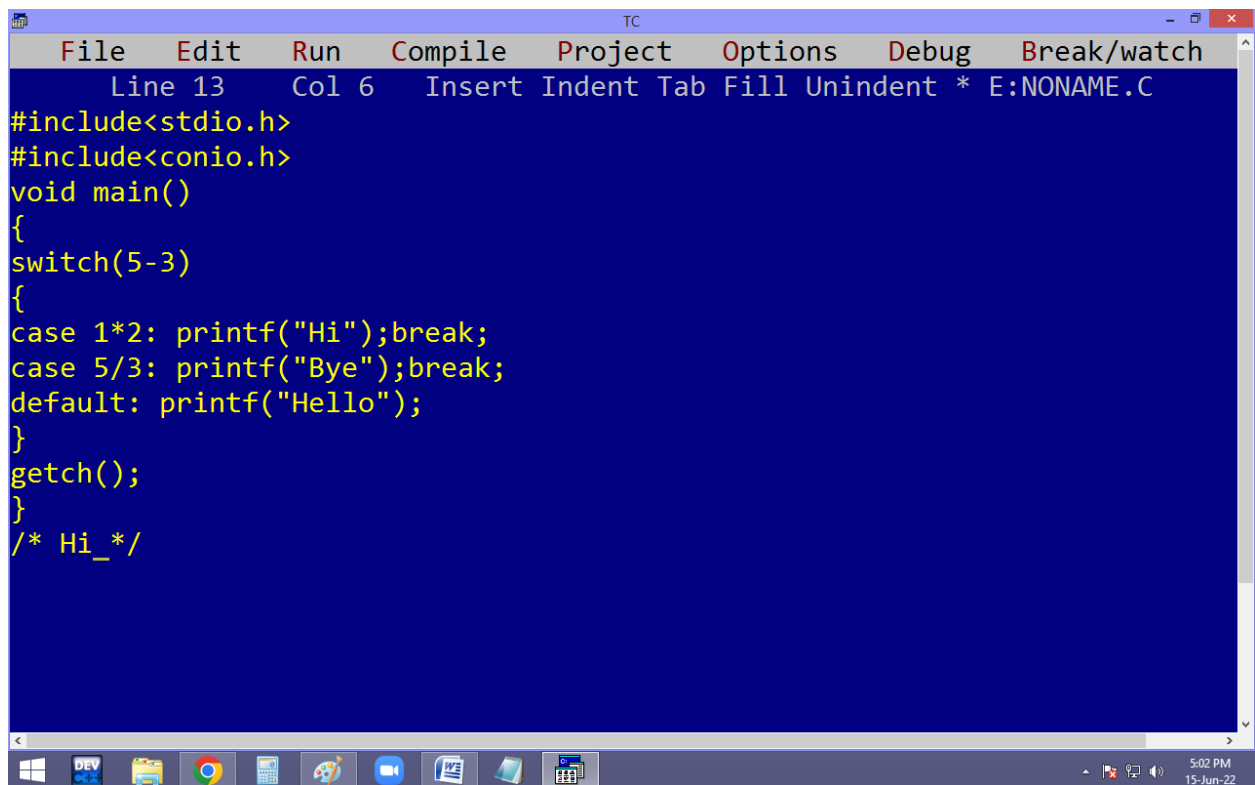
The Windows taskbar at the bottom shows various icons including Windows, DEV C++, File Explorer, Google Chrome, Calculator, Paint, and others. The system clock in the bottom right corner shows 4:59 PM on 15-Jun-22.



The screenshot shows the Turbo C++ (TC) IDE with a menu bar (File, Edit, Run, Compile, Project, Options, Debug, Break/watch) and a dark blue editor window. A red error message banner at the top reads "Error: Case outside of switch in function main". The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
switch(5-3);
{
case 1: printf("Hi");break;
case 2: printf("Bye");break;
default: printf("Hello");
}
getch();
}
/* Error */
```

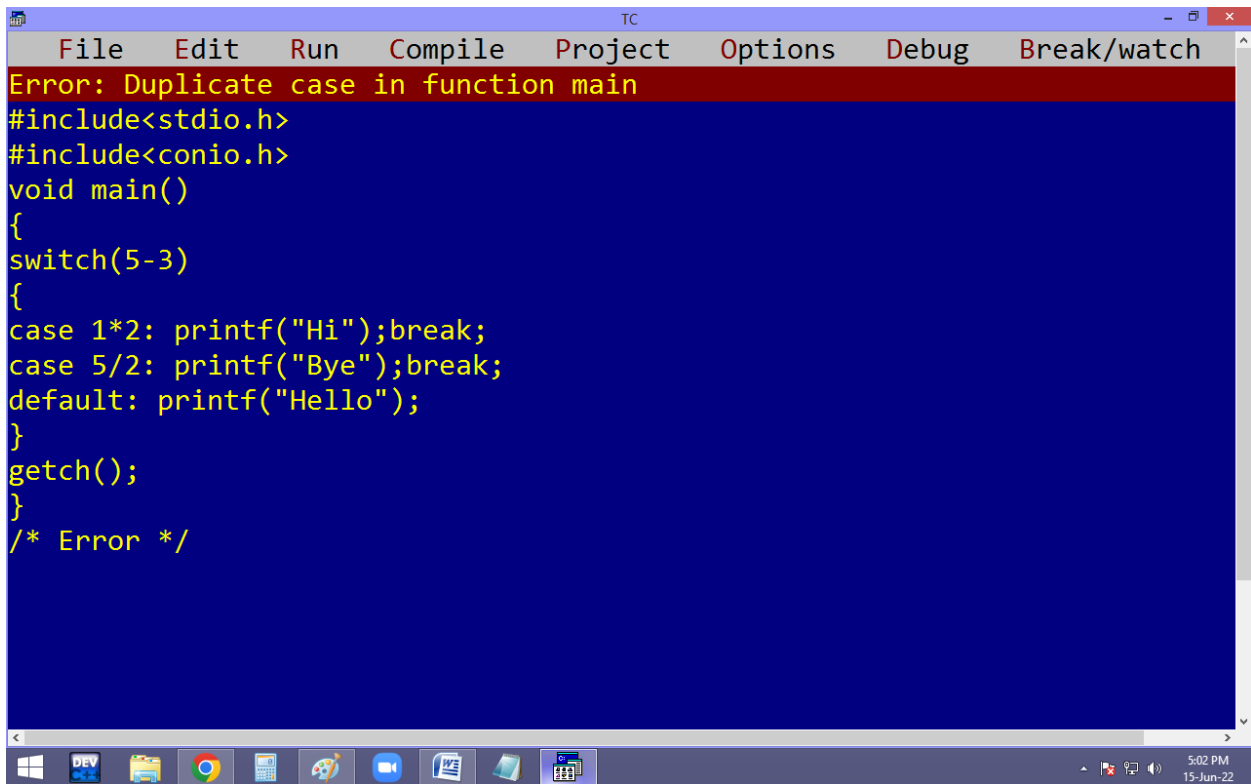
The Windows taskbar at the bottom shows the time as 5:00 PM on 15-Jun-22.



The screenshot shows the Turbo C++ (TC) IDE with the same menu bar. The status bar at the top of the editor window displays "Line 13 Col 6 Insert Indent Tab Fill Unindent * E:NONAME.C". The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
switch(5-3)
{
case 1*2: printf("Hi");break;
case 5/3: printf("Bye");break;
default: printf("Hello");
}
getch();
}
/* Hi_*/
```

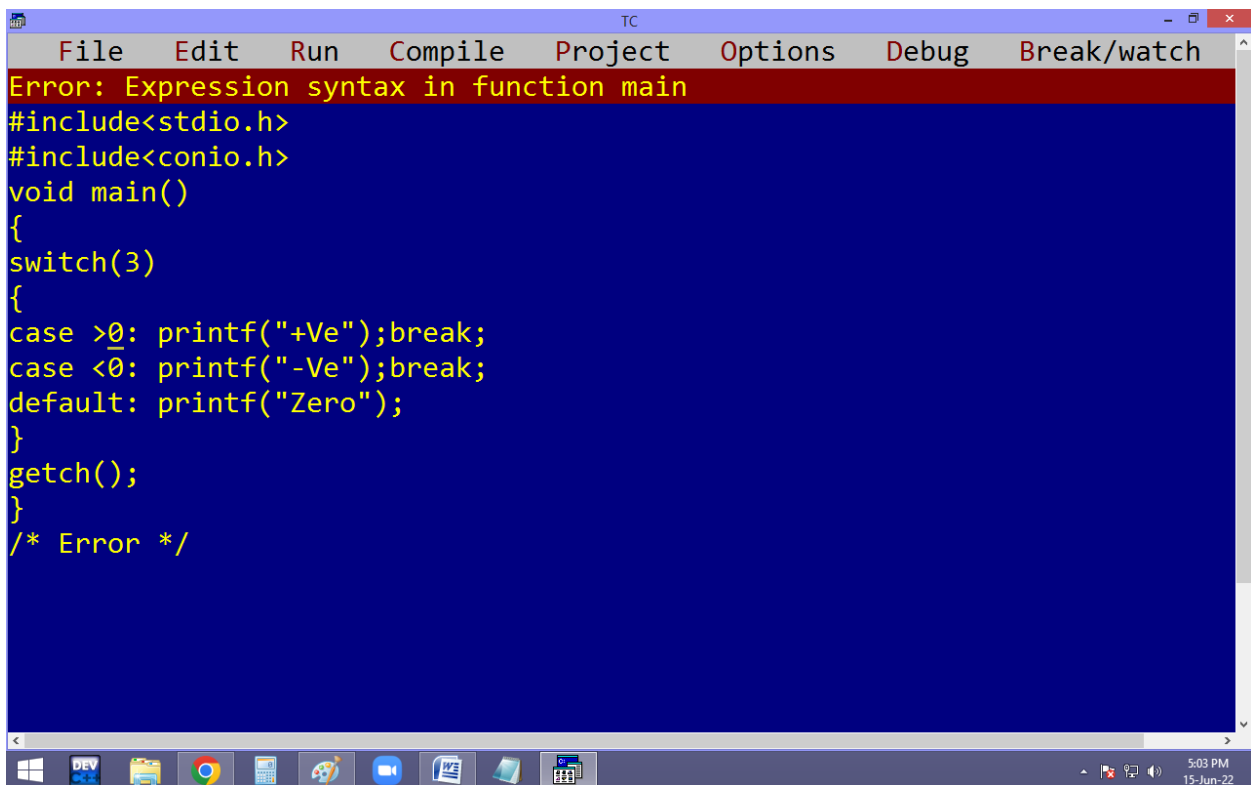
The Windows taskbar at the bottom shows the time as 5:02 PM on 15-Jun-22.



The screenshot shows the Turbo C++ (TC) IDE with a menu bar (File, Edit, Run, Compile, Project, Options, Debug, Break/watch) and a dark blue editor window. A red error banner at the top reads "Error: Duplicate case in function main". The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
switch(5-3)
{
case 1*2: printf("Hi");break;
case 5/2: printf("Bye");break;
default: printf("Hello");
}
getch();
}
/* Error */
```

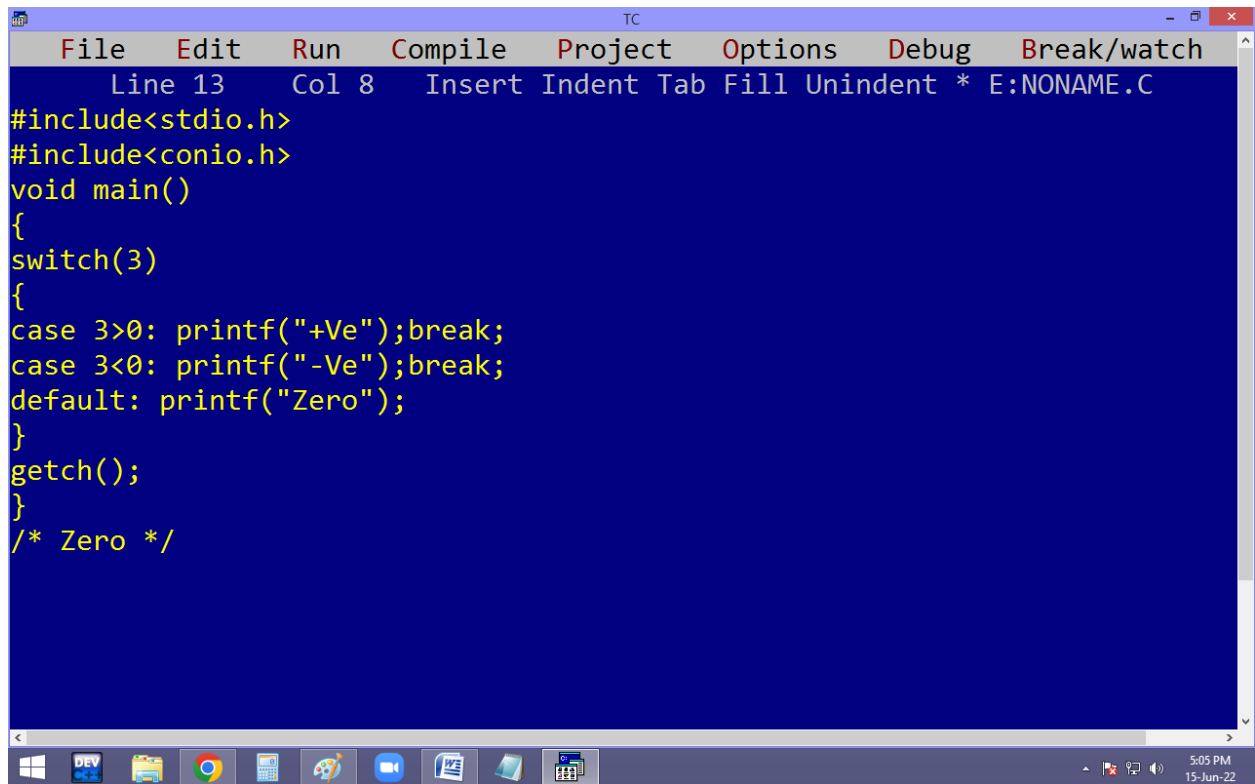
The Windows taskbar at the bottom shows the time as 5:02 PM on 15-Jun-22.



The screenshot shows the Turbo C++ (TC) IDE with a menu bar (File, Edit, Run, Compile, Project, Options, Debug, Break/watch) and a dark blue editor window. A red error banner at the top reads "Error: Expression syntax in function main". The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
switch(3)
{
case >0: printf("+Ve");break;
case <0: printf("-Ve");break;
default: printf("Zero");
}
getch();
}
/* Error */
```

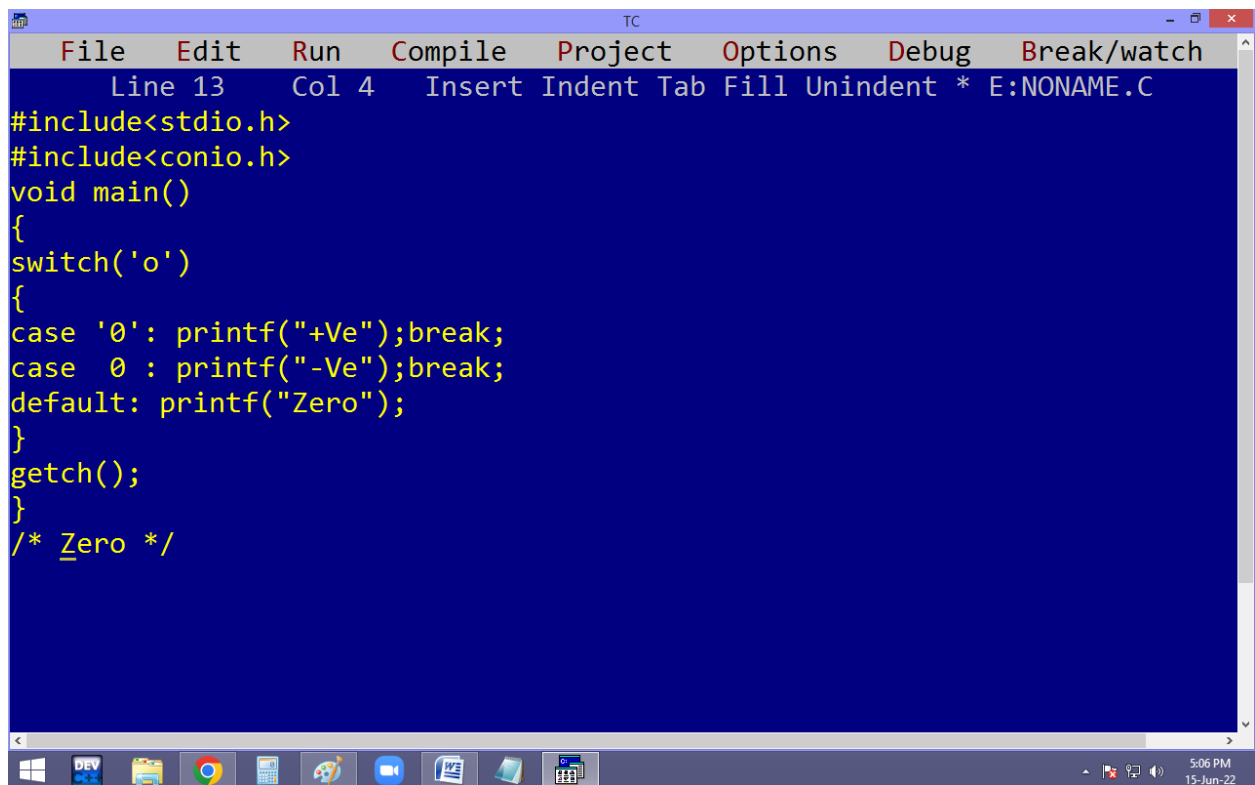
The Windows taskbar at the bottom shows the time as 5:03 PM on 15-Jun-22.



The screenshot shows the Turbo C++ (TC) IDE with a menu bar (File, Edit, Run, Compile, Project, Options, Debug, Break/watch) and a status bar (Line 13, Col 8, Insert, Indent, Tab, Fill, Unindent, * E:NONAME.C). The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
switch(3)
{
case 3>0: printf("+Ve");break;
case 3<0: printf("-Ve");break;
default: printf("Zero");
}
getch();
}
/* Zero */
```

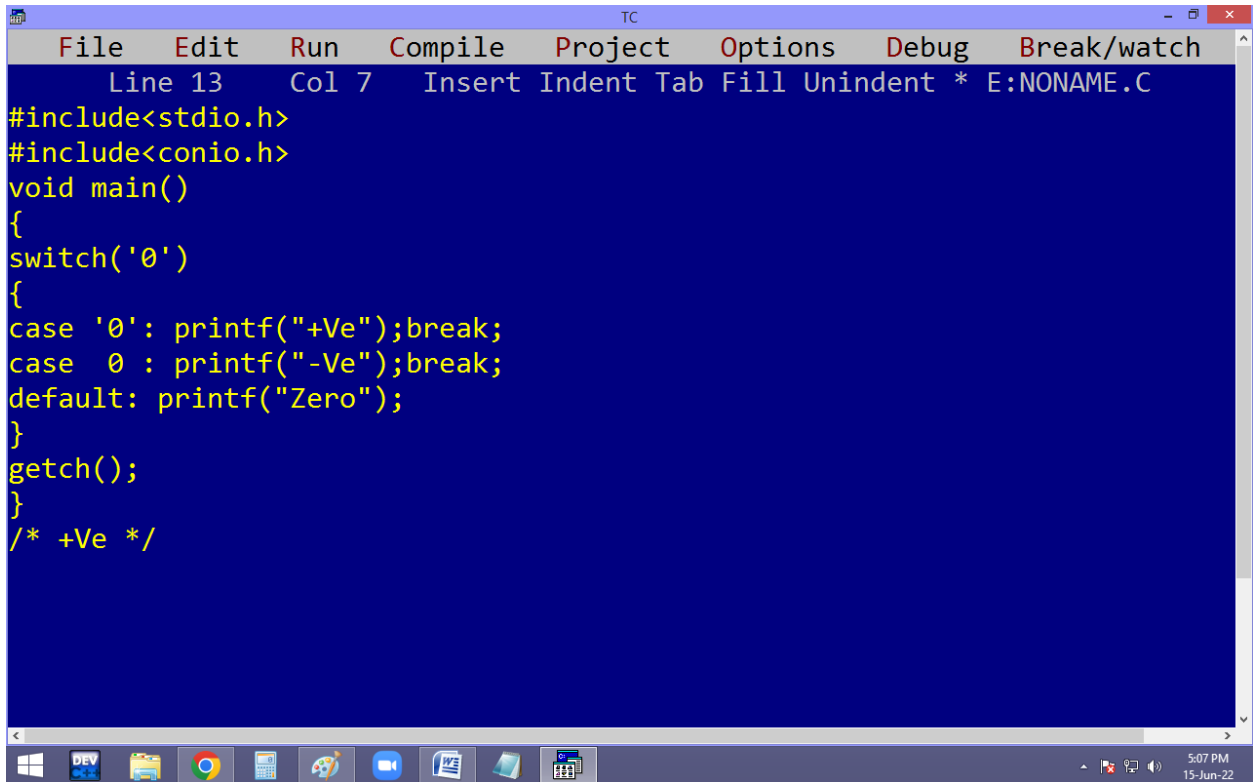
The Windows taskbar at the bottom shows icons for Windows, DEV C++, File Explorer, Google Chrome, Calculator, Paint, and other applications. The system clock indicates 5:05 PM on 15-Jun-22.



The screenshot shows the Turbo C++ (TC) IDE with a menu bar (File, Edit, Run, Compile, Project, Options, Debug, Break/watch) and a status bar (Line 13, Col 4, Insert, Indent, Tab, Fill, Unindent, * E:NONAME.C). The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
switch('o')
{
case '0': printf("+Ve");break;
case 0 : printf("-Ve");break;
default: printf("Zero");
}
getch();
}
/* Zero */
```

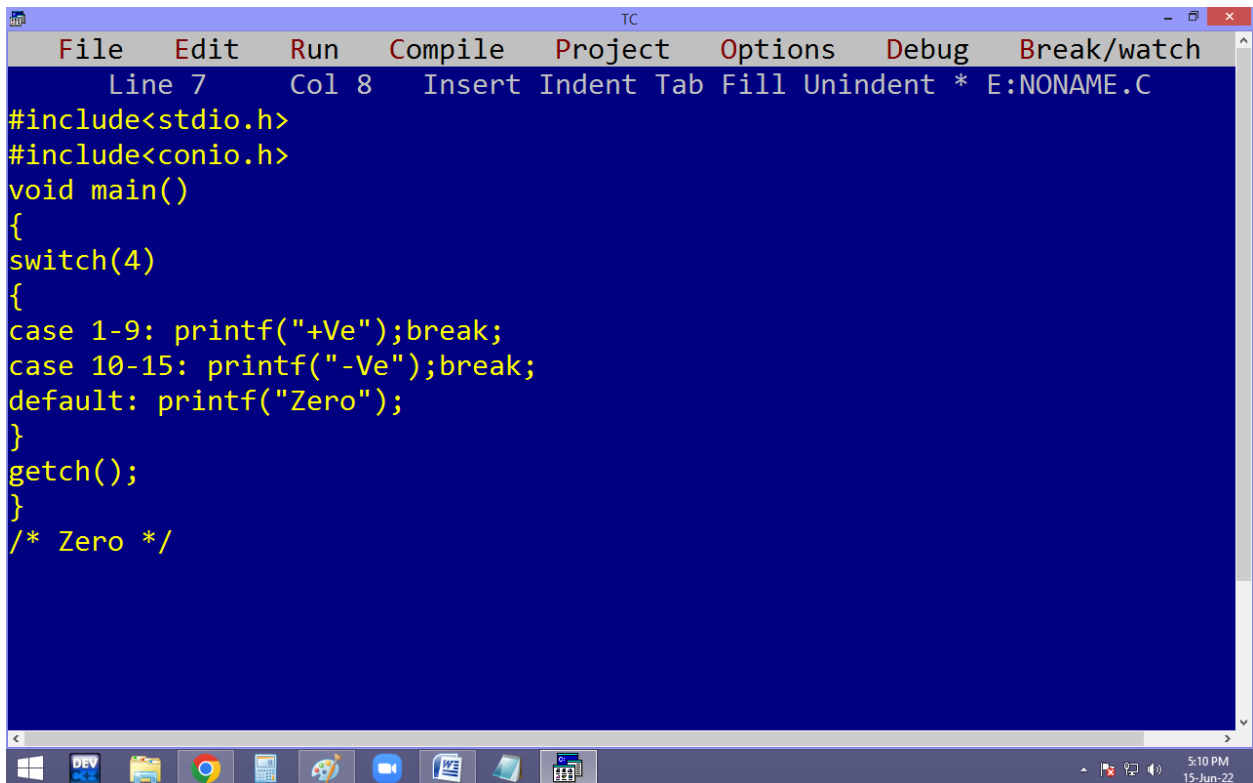
The Windows taskbar at the bottom shows icons for Windows, DEV C++, File Explorer, Google Chrome, Calculator, Paint, and other applications. The system clock indicates 5:06 PM on 15-Jun-22.



The screenshot shows the Turbo C++ (TC) IDE with a menu bar (File, Edit, Run, Compile, Project, Options, Debug, Break/watch) and a status bar (Line 13, Col 7, Insert, Indent, Tab, Fill, Unindent, * E:NONAME.C). The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
switch('0')
{
case '0': printf("+Ve");break;
case 0 : printf("-Ve");break;
default: printf("Zero");
}
getch();
}
/* +Ve */
```

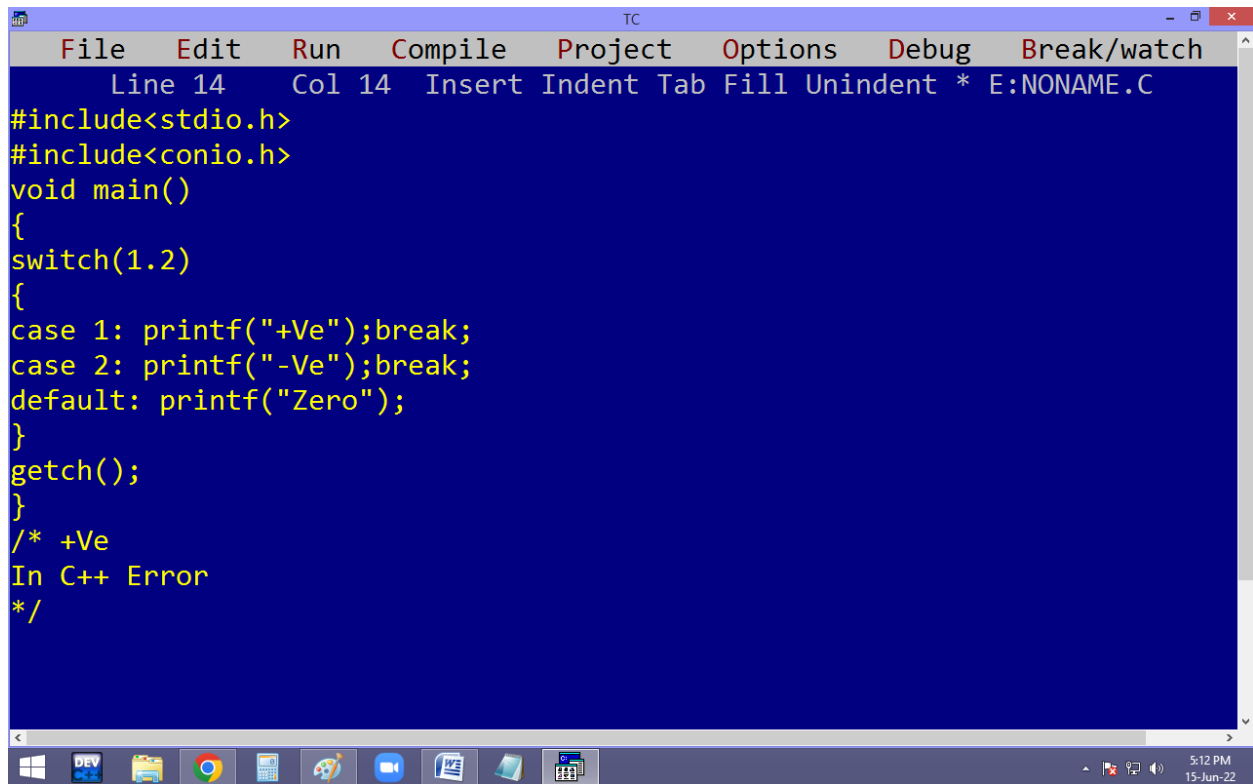
The Windows taskbar at the bottom shows icons for Windows, DEV C++, File Explorer, Google Chrome, Calculator, Paint, and other applications. The system clock indicates 5:07 PM on 15-Jun-22.



The screenshot shows the Turbo C++ (TC) IDE with a menu bar (File, Edit, Run, Compile, Project, Options, Debug, Break/watch) and a status bar (Line 7, Col 8, Insert, Indent, Tab, Fill, Unindent, * E:NONAME.C). The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
switch(4)
{
case 1-9: printf("+Ve");break;
case 10-15: printf("-Ve");break;
default: printf("Zero");
}
getch();
}
/* Zero */
```

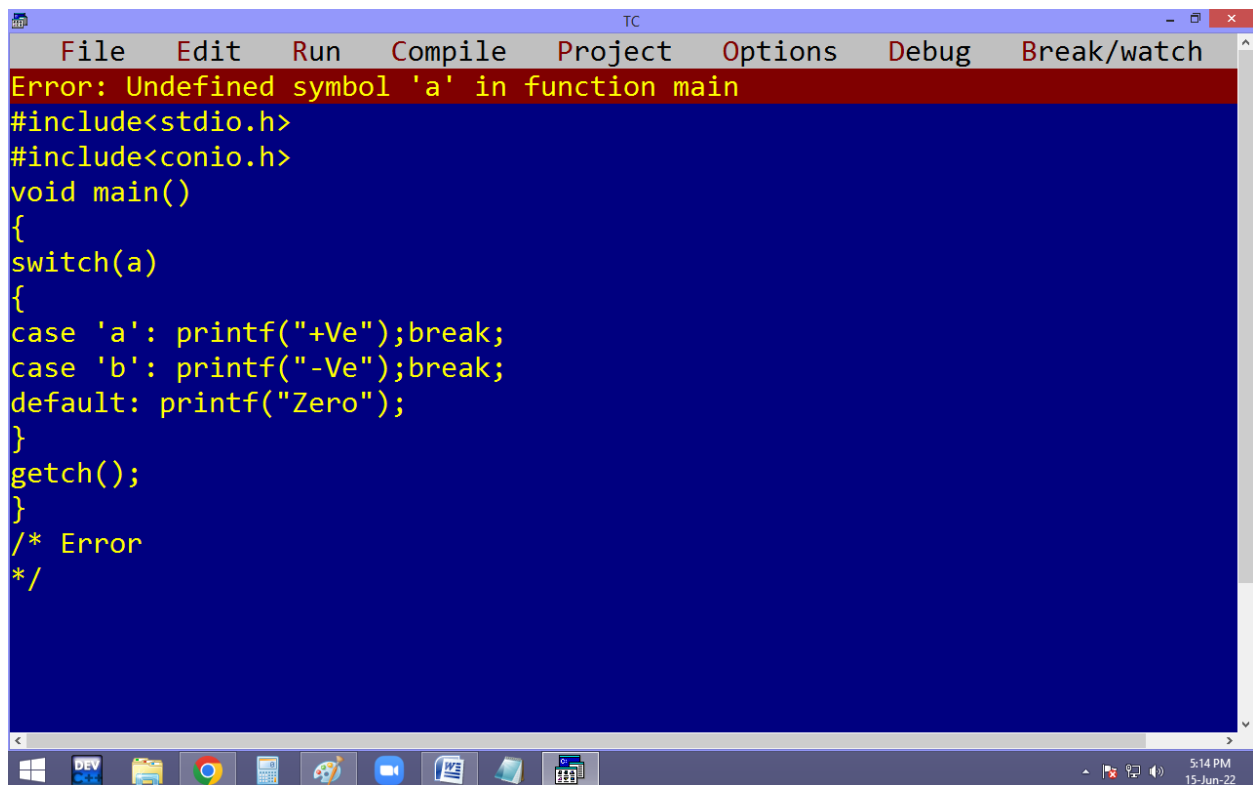
The Windows taskbar at the bottom shows icons for Windows, DEV C++, File Explorer, Google Chrome, Calculator, Paint, and other applications. The system clock indicates 5:10 PM on 15-Jun-22.



The screenshot shows the Turbo C++ (TC) IDE window. The menu bar includes File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the top indicates 'Line 14 Col 14 Insert Indent Tab Fill Unindent * E:NONAME.C'. The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
switch(1.2)
{
case 1: printf("+Ve");break;
case 2: printf("-Ve");break;
default: printf("Zero");
}
getch();
}
/* +Ve
In C++ Error
*/
```

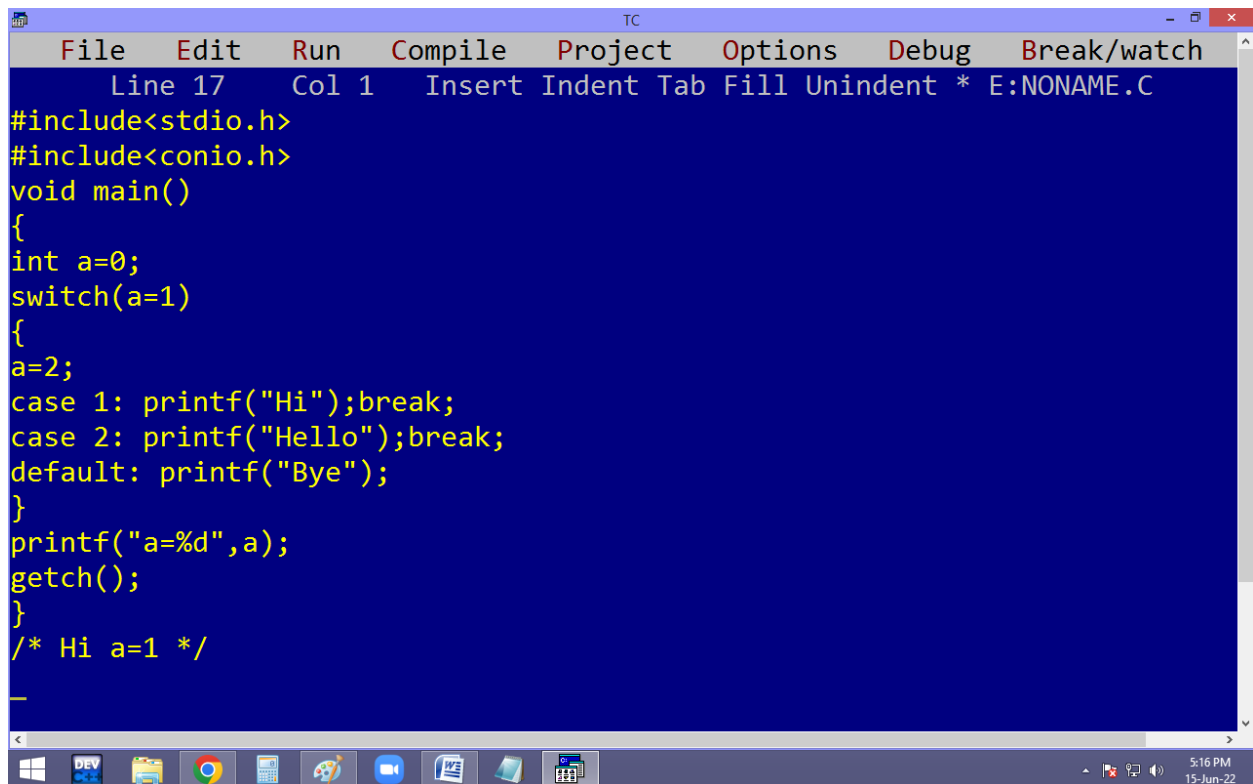
The Windows taskbar at the bottom shows the Start button and several application icons, including DEV C++, File Explorer, Google Chrome, and others. The system clock in the bottom right corner shows 5:12 PM on 15-Jun-22.



The screenshot shows the Turbo C++ (TC) IDE window with a compilation error. The menu bar is the same as the previous image. The status bar at the top indicates 'Line 14 Col 14 Insert Indent Tab Fill Unindent * E:NONAME.C'. The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
switch(a)
{
case 'a': printf("+Ve");break;
case 'b': printf("-Ve");break;
default: printf("Zero");
}
getch();
}
/* Error
*/
```

A red error message bar at the top of the code area reads: "Error: Undefined symbol 'a' in function main". The Windows taskbar at the bottom is identical to the previous image, showing the system clock at 5:14 PM on 15-Jun-22.

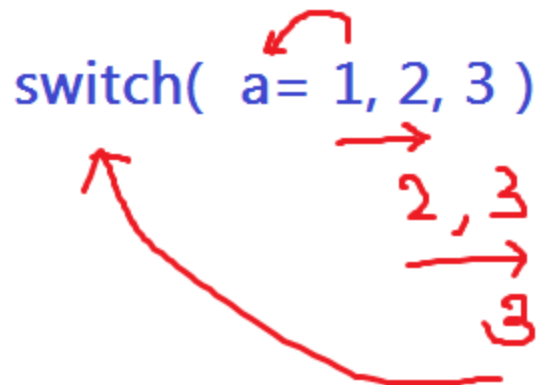


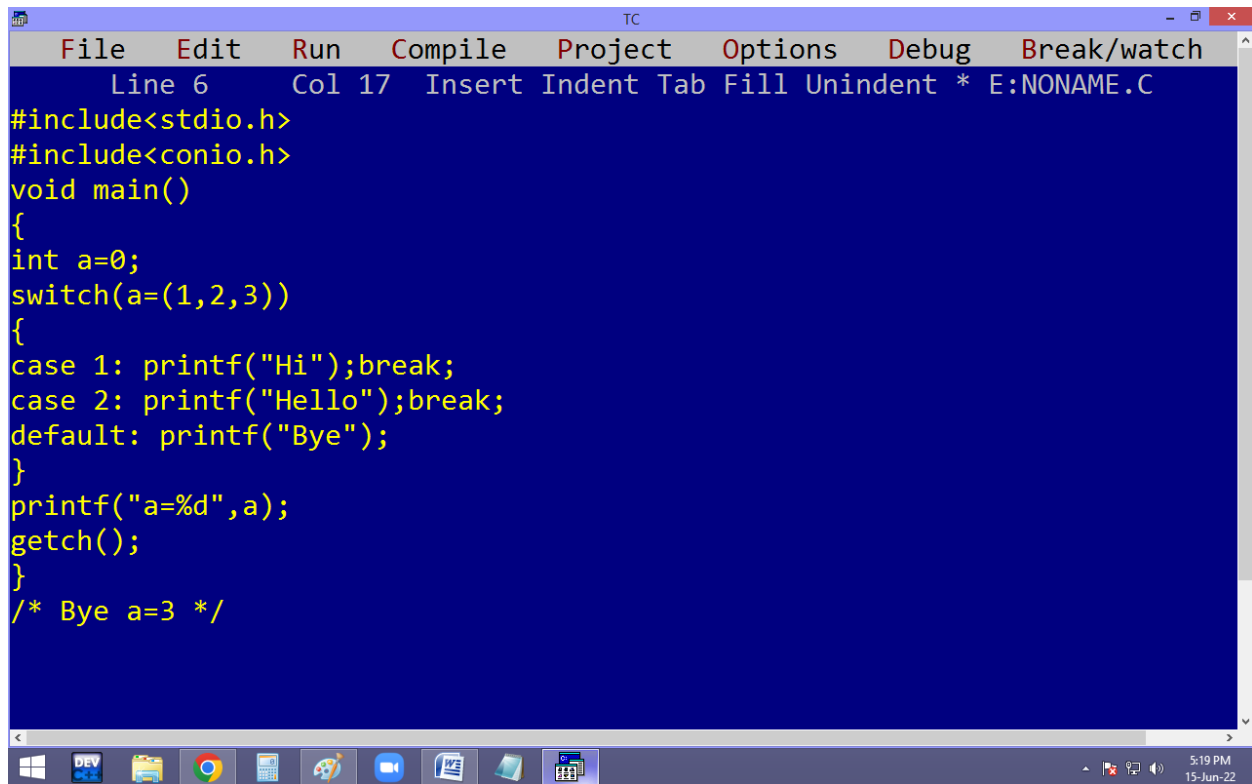
The image shows a screenshot of a Turbo C++ (TC) IDE window. The title bar reads "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", "Debug", and "Break/watch". The status bar at the top indicates "Line 17 Col 1 Insert Indent Tab Fill Unindent * E:NONAME.C". The main editing area has a dark blue background with yellow text. The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
switch(a=1)
{
a=2;
case 1: printf("Hi");break;
case 2: printf("Hello");break;
default: printf("Bye");
}
printf("a=%d",a);
getch();
}
/* Hi a=1 */
```

The Windows taskbar is visible at the bottom, showing icons for Windows, DEV, File Explorer, Google Chrome, Calculator, Paint, and other applications. The system clock in the bottom right corner shows "5:16 PM 15-Jun-22".

```
TC
File Edit Run Compile Project Options Debug Break/watch
Line 15 Col 7 Insert Indent Tab Fill Unindent * E:NONAME.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
switch(a=1,2,3)
{
case 1: printf("Hi");break;
case 2: printf("Hello");break;
default: printf("Bye");
}
printf("a=%d",a);
getch();
}
/* Bye a=3 */
```

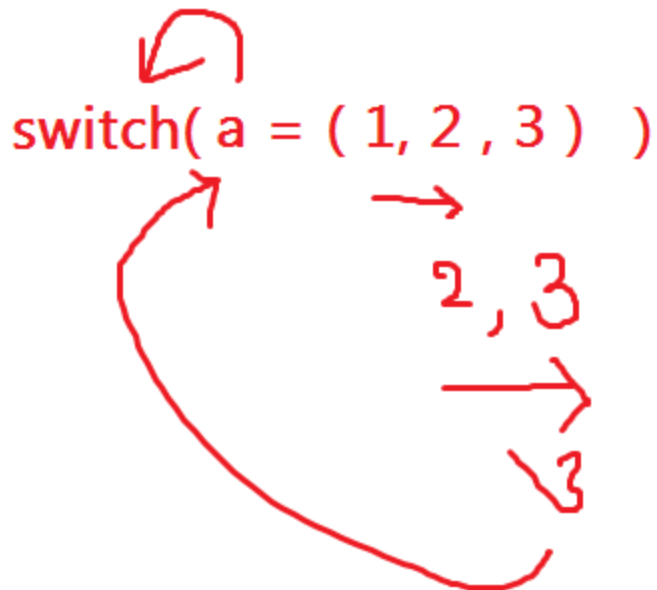




The screenshot shows a Turbo C++ IDE window titled 'TC'. The menu bar includes File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. The status bar at the top indicates 'Line 6', 'Col 17', and 'Insert' mode. The file name is 'E:NONAME.C'. The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
switch(a=(1,2,3))
{
case 1: printf("Hi");break;
case 2: printf("Hello");break;
default: printf("Bye");
}
printf("a=%d",a);
getch();
}
/* Bye a=3 */
```

The Windows taskbar at the bottom shows icons for Windows, DEV C++, File Explorer, Google Chrome, Calculator, Paint, and other applications. The system clock shows 5:19 PM on 15-Jun-22.



Hand-drawn red annotations explaining the switch statement:

- A curved arrow points from the opening curly brace of the switch statement to the expression `a = (1, 2, 3)`.
- The expression `a = (1, 2, 3)` is written in red.
- An arrow points from the opening curly brace of the switch statement to the value `2` in the list `2, 3`.
- Another arrow points from the opening curly brace of the switch statement to the value `3` in the list `2, 3`.

```
TC
File Edit Run Compile Project Options Debug Break/watch
Line 15 Col 11 Insert Indent Tab Fill Unindent * E:NONAME.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
switch(a=(1,2),(3,4))
{
case 1: printf("Hi");break;
case 2: printf("Hello");break;
default: printf("Bye");
}
printf("a=%d",a);
getch();
}
/* Bye a=2_*/
```

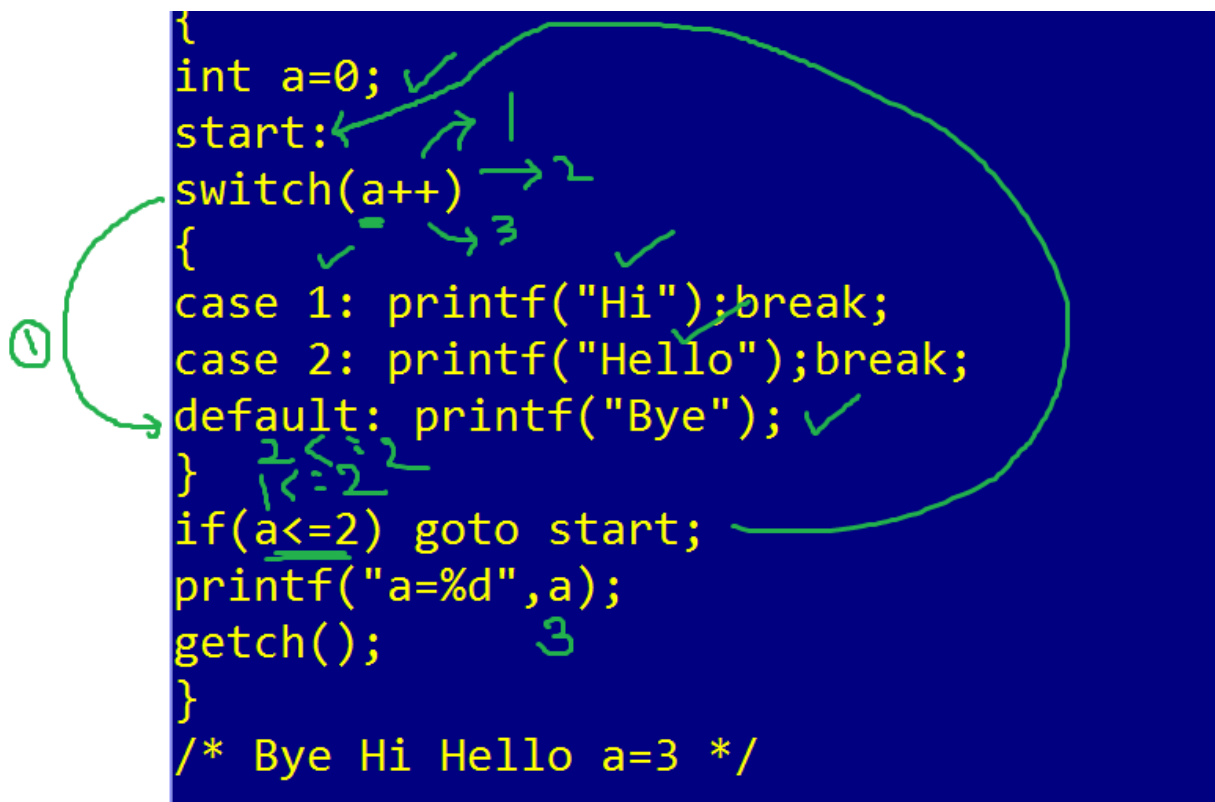
switch(a = (1,2), (3,4))

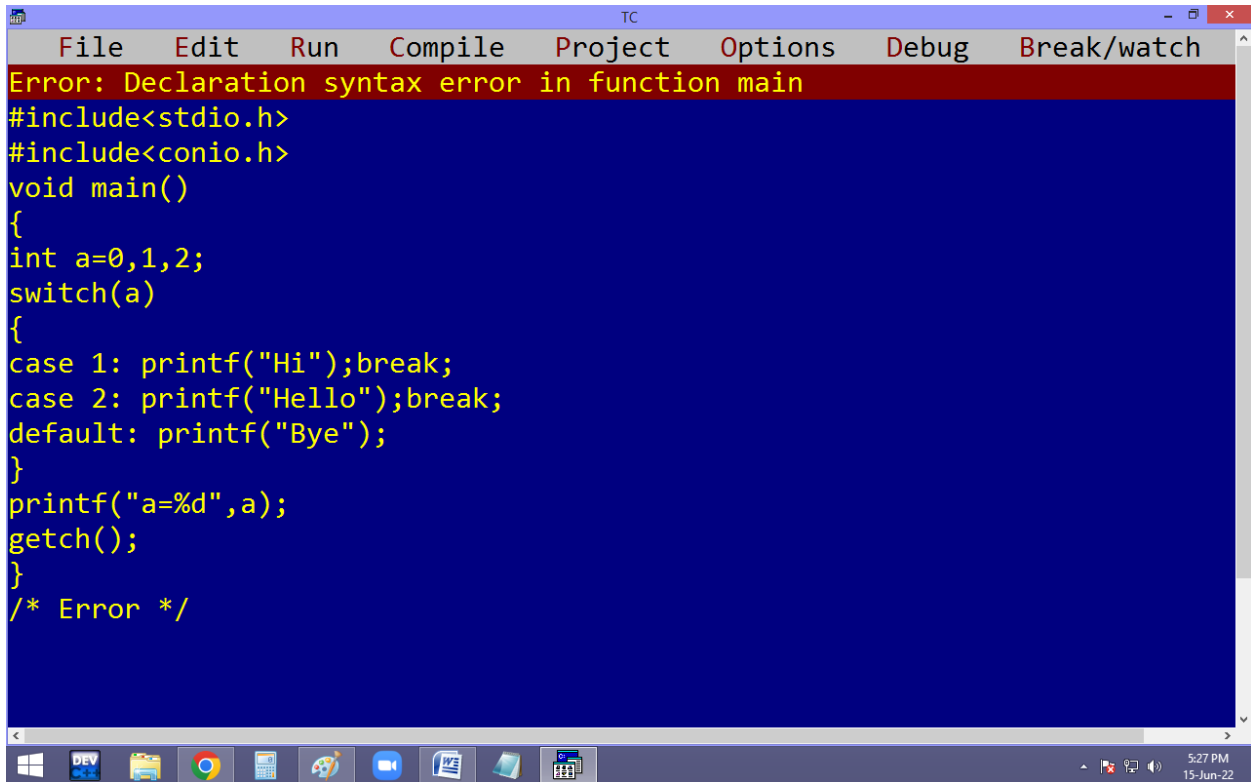


```

TC
File Edit Run Compile Project Options Debug Break/watch
Line 18 Col 20 Insert Indent Tab Fill Unindent * E:NONAME.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
start:
switch(a++)
{
case 1: printf("Hi");break;
case 2: printf("Hello");break;
default: printf("Bye");
}
if(a<=2) goto start;
printf("a=%d",a);
getch();
}
/* Bye Hi Hello a=3 */

```

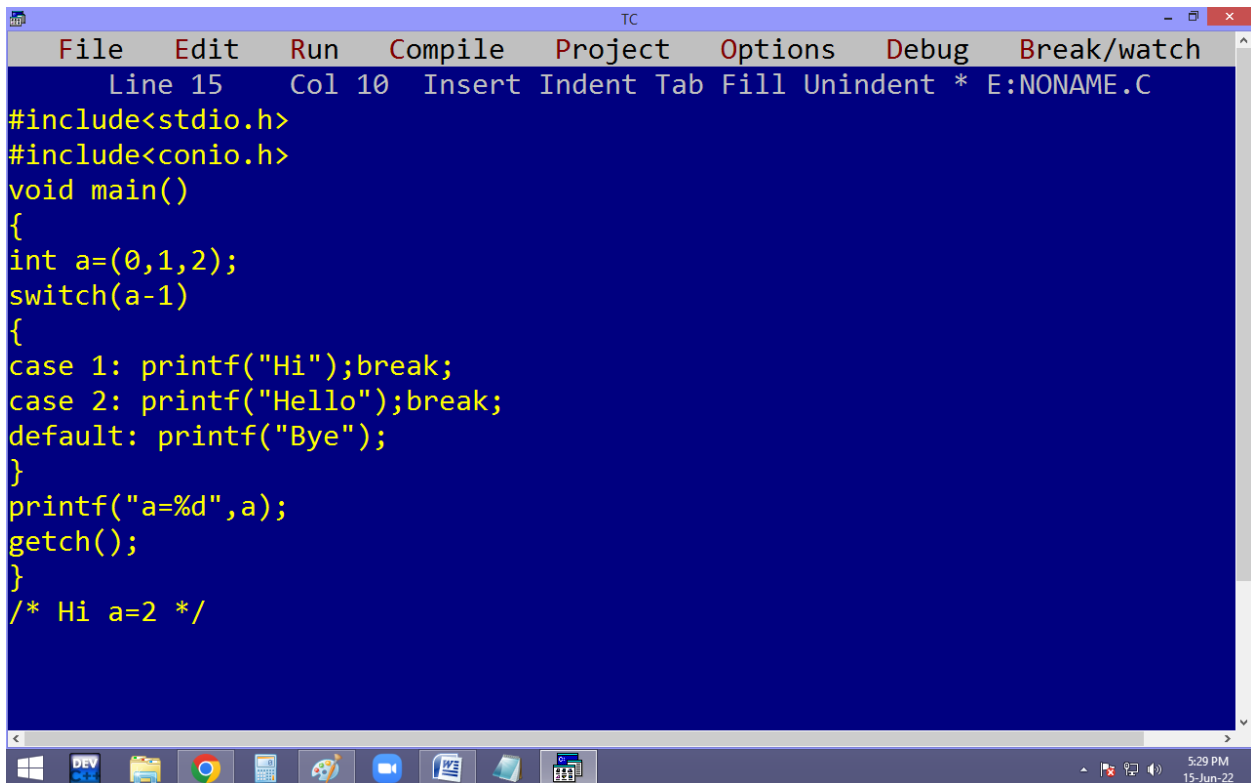




The screenshot shows the Turbo C++ (TC) IDE window. The menu bar includes File, Edit, Run, Compile, Project, Options, Debug, and Break/watch. A red error message banner at the top reads "Error: Declaration syntax error in function main". The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0,1,2;
switch(a)
{
case 1: printf("Hi");break;
case 2: printf("Hello");break;
default: printf("Bye");
}
printf("a=%d",a);
getch();
}
/* Error */
```

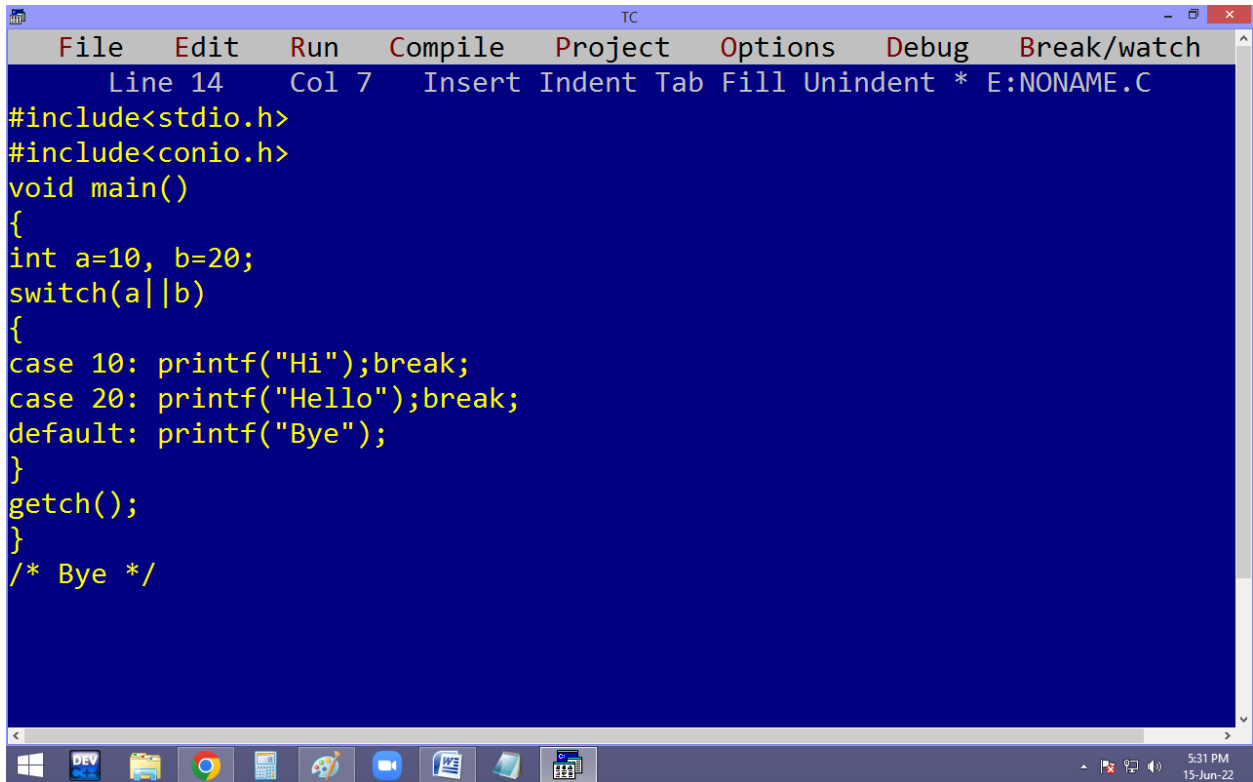
The Windows taskbar at the bottom shows the time as 5:27 PM on 15-Jun-22.



The screenshot shows the Turbo C++ (TC) IDE window after the error has been corrected. The menu bar is the same. The status bar at the top of the editor area shows "Line 15 Col 10 Insert Indent Tab Fill Unindent * E:NONAME.C". The code in the editor is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a=(0,1,2);
switch(a-1)
{
case 1: printf("Hi");break;
case 2: printf("Hello");break;
default: printf("Bye");
}
printf("a=%d",a);
getch();
}
/* Hi a=2 */
```

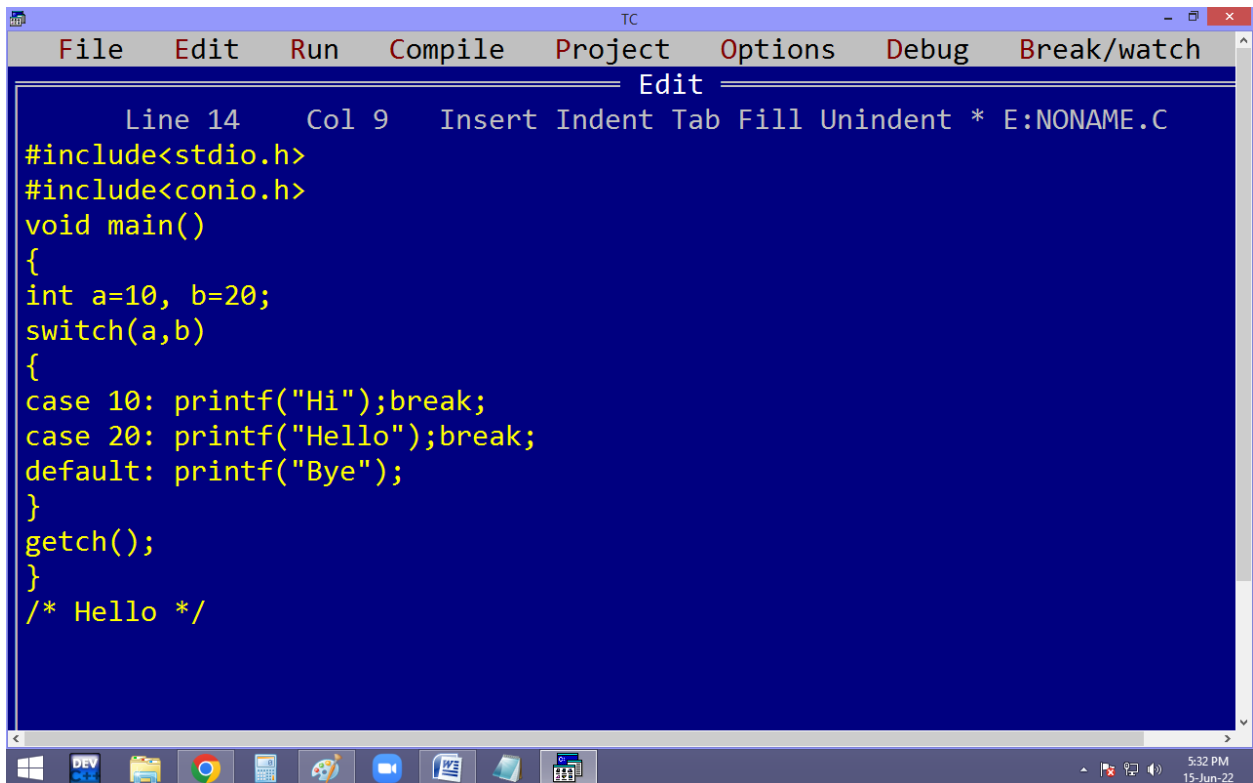
The Windows taskbar at the bottom shows the time as 5:29 PM on 15-Jun-22.



The screenshot shows the Turbo C++ IDE with the following code in E:\NONAME.C:

```
File Edit Run Compile Project Options Debug Break/watch
Line 14 Col 7 Insert Indent Tab Fill Unindent * E:\NONAME.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a=10, b=20;
switch(a||b)
{
case 10: printf("Hi");break;
case 20: printf("Hello");break;
default: printf("Bye");
}
getch();
}
/* Bye */
```

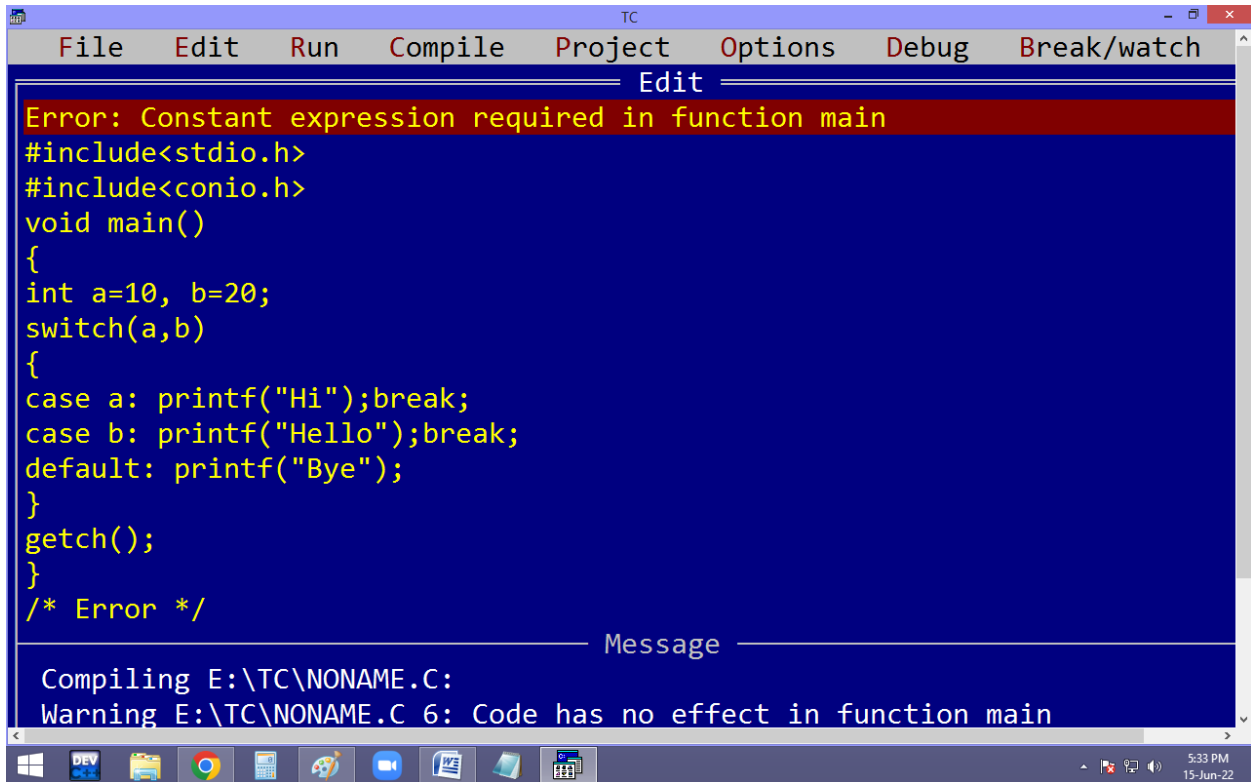
The status bar at the bottom indicates the time is 5:31 PM on 15-Jun-22.



The screenshot shows the Turbo C++ IDE with the following code in E:\NONAME.C:

```
File Edit Run Compile Project Options Debug Break/watch
Edit
Line 14 Col 9 Insert Indent Tab Fill Unindent * E:\NONAME.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a=10, b=20;
switch(a,b)
{
case 10: printf("Hi");break;
case 20: printf("Hello");break;
default: printf("Bye");
}
getch();
}
/* Hello */
```

The status bar at the bottom indicates the time is 5:32 PM on 15-Jun-22.



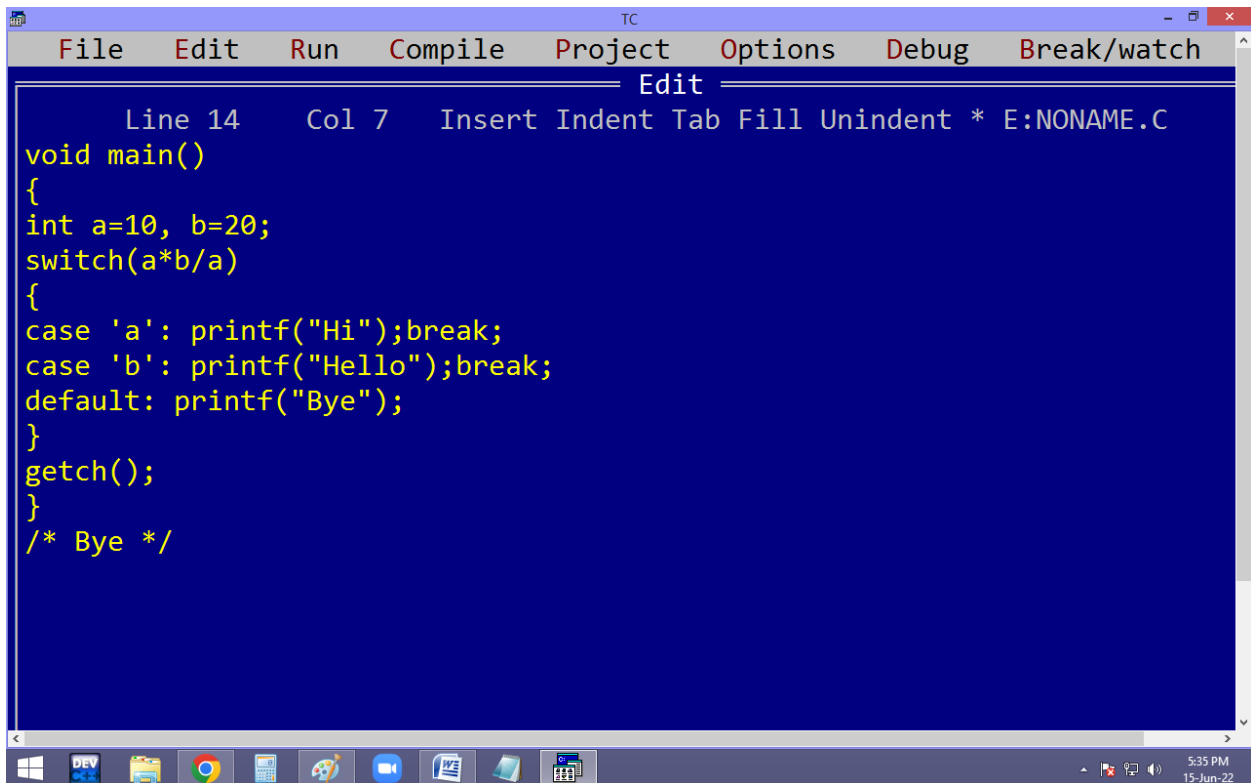
The screenshot shows the Turbo C++ IDE with a menu bar (File, Edit, Run, Compile, Project, Options, Debug, Break/watch) and a toolbar. The main window displays a C program with a switch statement. A red error message banner at the top reads "Error: Constant expression required in function main". The code is as follows:

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int a=10, b=20;
    switch(a,b)
    {
        case a: printf("Hi");break;
        case b: printf("Hello");break;
        default: printf("Bye");
    }
    getch();
}
/* Error */
```

Below the code, a "Message" window shows the compilation output:

```
Compiling E:\TC\NONAME.C:
Warning E:\TC\NONAME.C 6: Code has no effect in function main
```

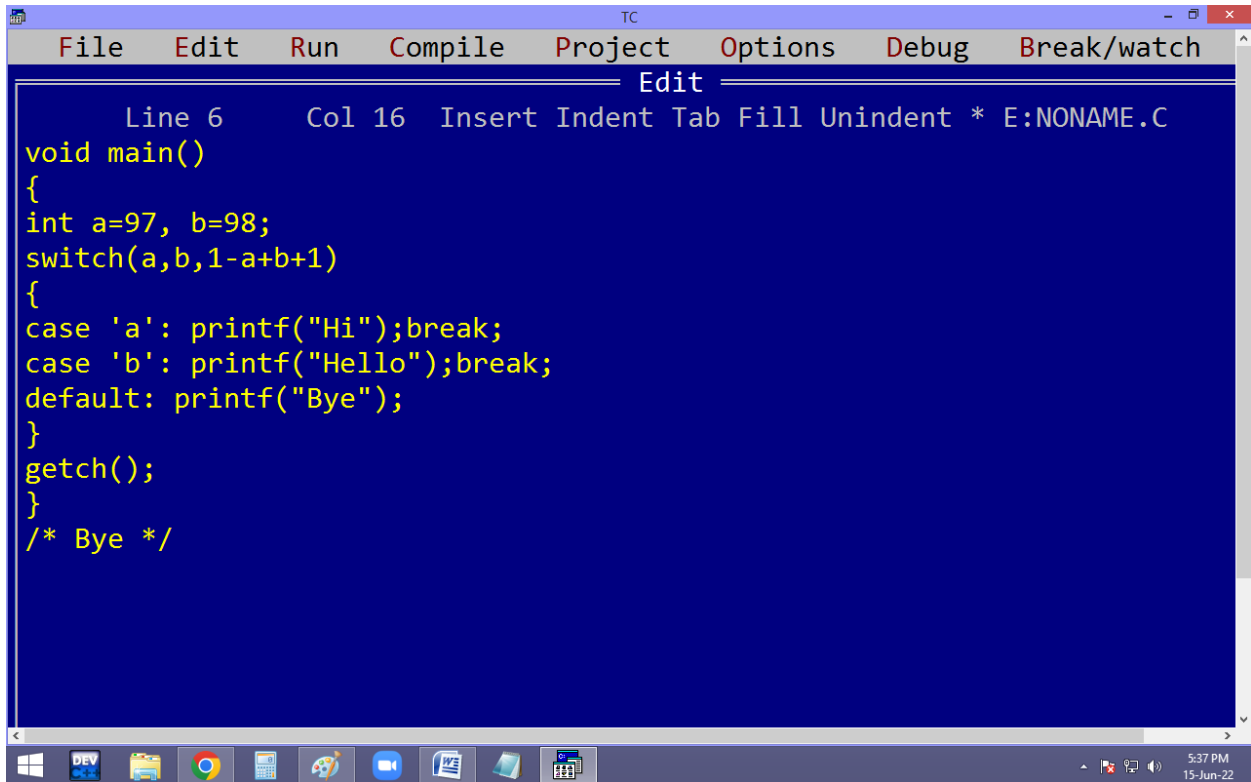
The Windows taskbar at the bottom shows the time as 5:33 PM on 15-Jun-22.



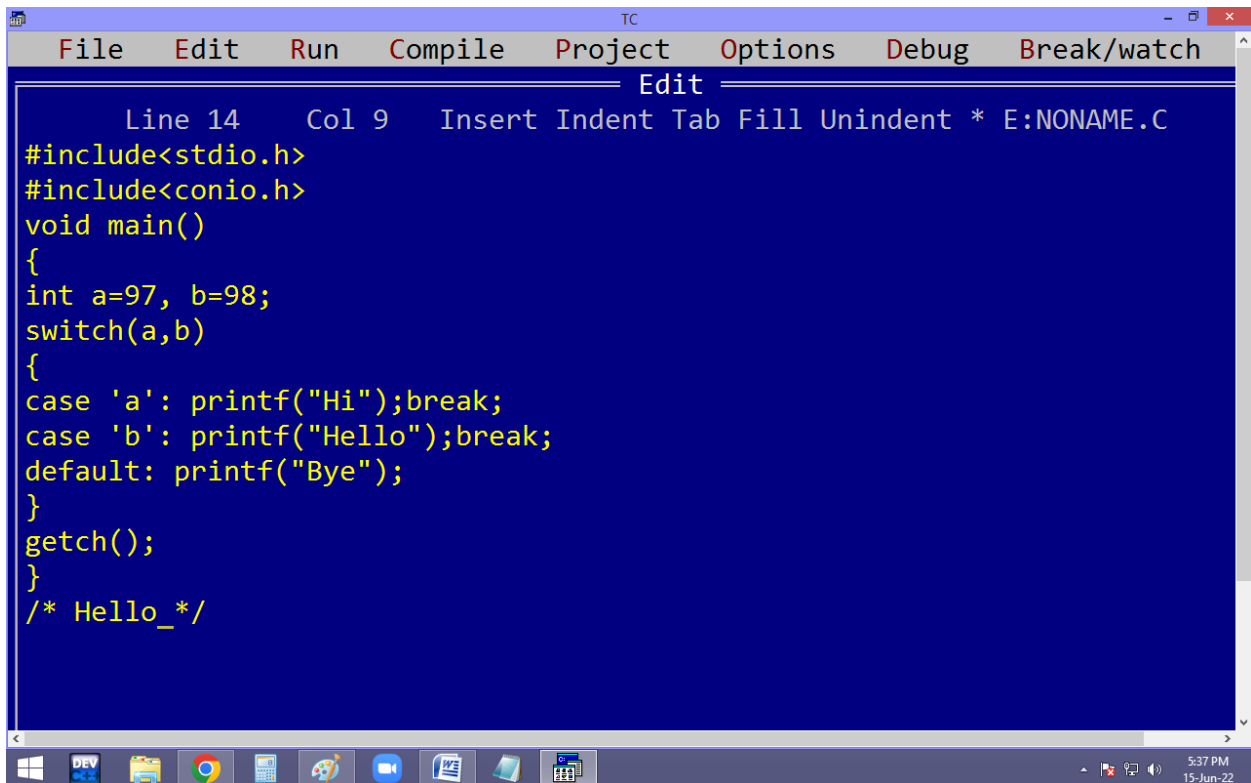
The screenshot shows the Turbo C++ IDE with the same menu bar and toolbar. The main window displays the corrected C program. A status bar at the top of the code area shows "Line 14 Col 7 Insert Indent Tab Fill Unindent * E:NONAME.C". The code is as follows:

```
void main()
{
    int a=10, b=20;
    switch(a*b/a)
    {
        case 'a': printf("Hi");break;
        case 'b': printf("Hello");break;
        default: printf("Bye");
    }
    getch();
}
/* Bye */
```

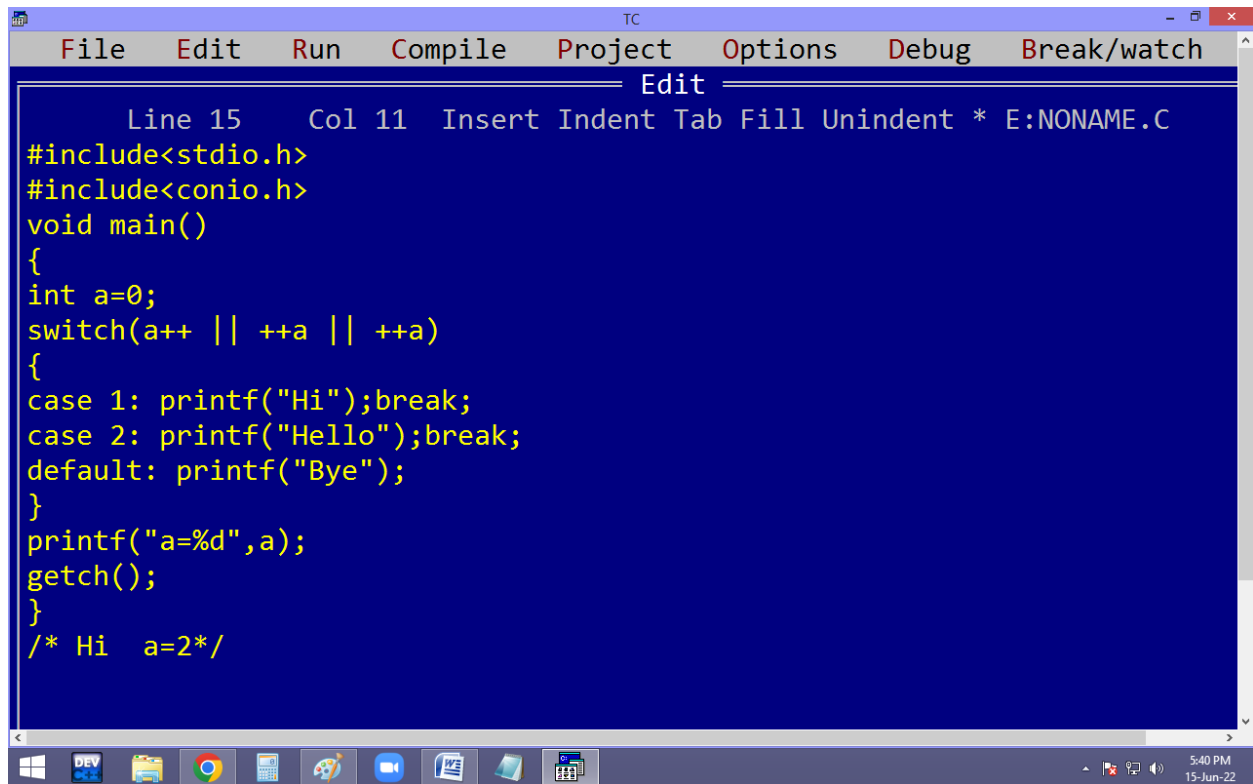
The Windows taskbar at the bottom shows the time as 5:35 PM on 15-Jun-22.



```
TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Line 6 Col 16 Insert Indent Tab Fill Unindent * E:NONAME.C
void main()
{
int a=97, b=98;
switch(a,b,1-a+b+1)
{
case 'a': printf("Hi");break;
case 'b': printf("Hello");break;
default: printf("Bye");
}
getch();
}
/* Bye */
```



```
TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Line 14 Col 9 Insert Indent Tab Fill Unindent * E:NONAME.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a=97, b=98;
switch(a,b)
{
case 'a': printf("Hi");break;
case 'b': printf("Hello");break;
default: printf("Bye");
}
getch();
}
/* Hello_*/
```

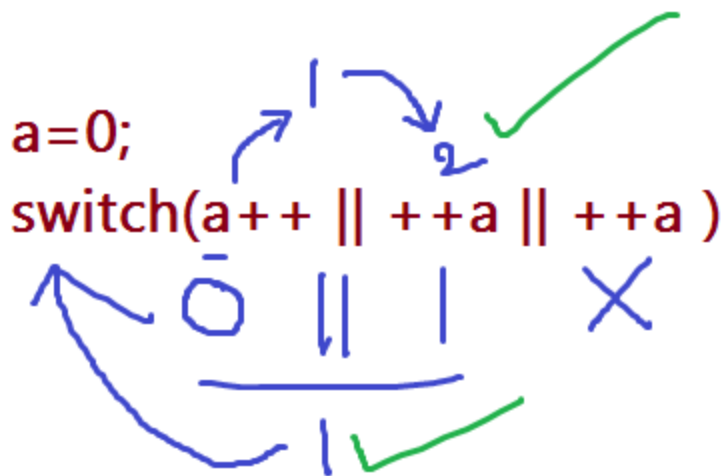


The image shows a screenshot of a Turbo C++ (TC) IDE window. The title bar reads "TC". The menu bar includes "File", "Edit", "Run", "Compile", "Project", "Options", "Debug", and "Break/watch". The "Edit" menu is currently open, showing options: "Line 15", "Col 11", "Insert", "Indent", "Tab", "Fill", "Unindent", and "* E:NONAME.C". The main text area has a dark blue background with yellow text. It contains the following C code:

```
#include<stdio.h>
#include<conio.h>
void main()
{
    int a=0;
    switch(a++ || ++a || ++a)
    {
        case 1: printf("Hi");break;
        case 2: printf("Hello");break;
        default: printf("Bye");
    }
    printf("a=%d",a);
    getch();
}
/* Hi  a=2*/
```

The Windows taskbar is visible at the bottom, showing icons for Windows, DEV C++, File Explorer, Google Chrome, Calculator, Paint, and other applications. The system clock in the bottom right corner shows "5:40 PM" and "15-Jun-22".


```
TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Line 15 Col 11 Insert Indent Tab Fill Unindent * E:NONAME.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
switch(a++ || ++a || ++a)
{
case 1: printf("Hi");break;
case 2: printf("Hello");break;
default: printf("Bye");
}
printf("a=%d",a);
getch();
}
/* Hi a=2*/
```



```
TC
File Edit Run Compile Project Options Debug Break/watch
Edit
Line 13 Col 11 Insert Indent Tab Fill Unindent * E:NONAME.C
#include<stdio.h>
#include<conio.h>
void main()
{
int a=0;
switch(a = printf("I\t"), printf("Am\t"))
{
case 1: printf("Indian");break;
case 2: printf("Bharathiyudu");break;
case 3: printf("Hindustani");break;
default: printf("Saithan");
}
printf("\na=%d",a);
getch();
}
/* I am Hindustani a=2*/
```

switch(a= p("I\t"), p("Am\t"))

