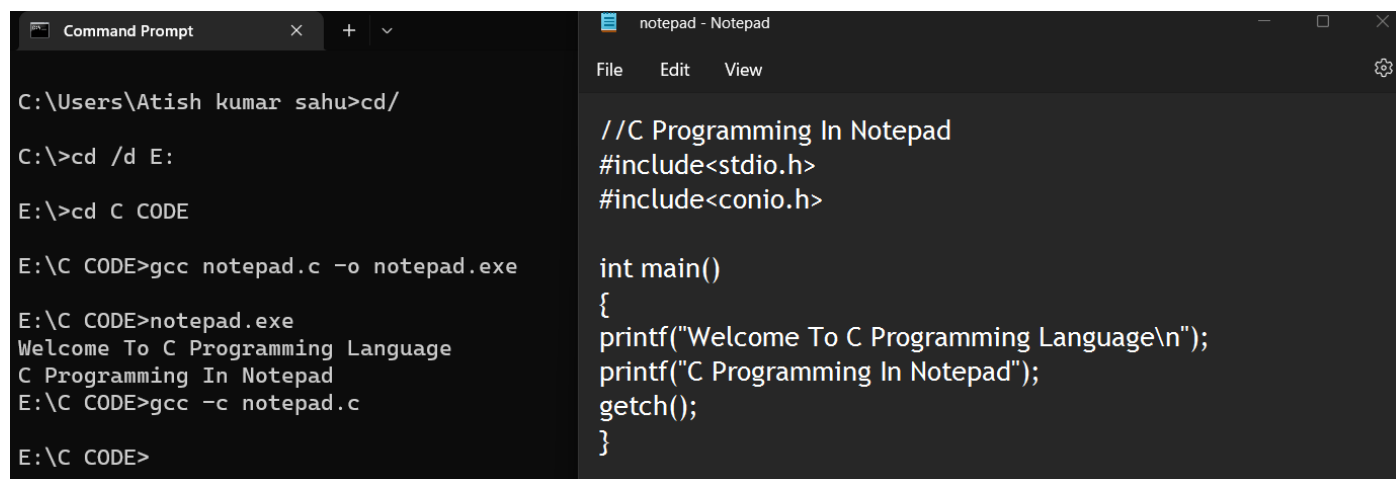


C Programming In Notepad:






The screenshot shows a Windows environment with a Notepad window and a Command Prompt window. The Notepad window contains a C program that prints a welcome message. The Command Prompt shows the steps to compile and run this program.

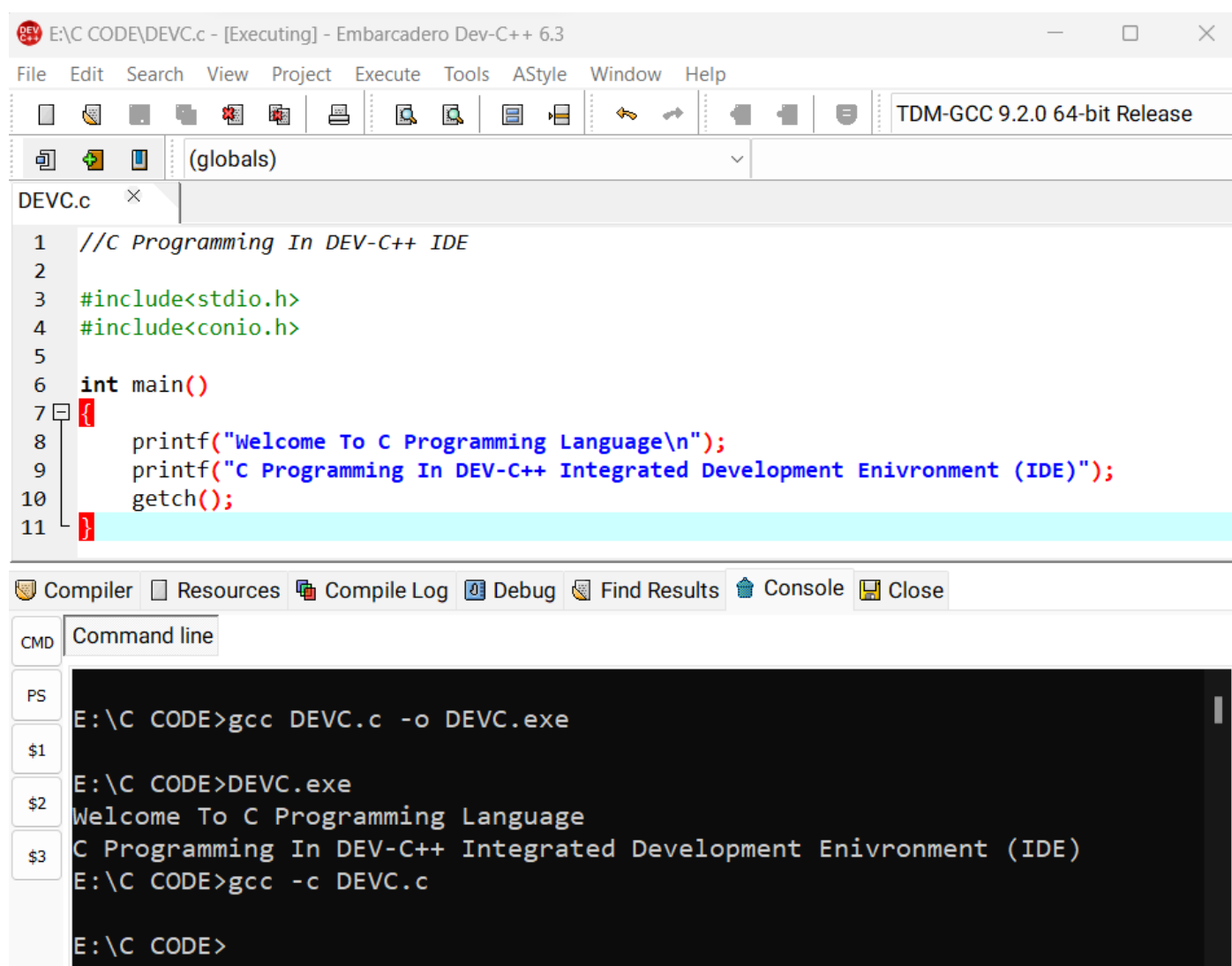
```
Command Prompt
C:\Users\Atish kumar sahu>cd/
C:\>cd /d E:
E:\>cd C CODE
E:\C CODE>gcc notepad.c -o notepad.exe
E:\C CODE>notepad.exe
Welcome To C Programming Language
C Programming In Notepad
E:\C CODE>gcc -c notepad.c
E:\C CODE>
```

```
notepad - Notepad
File Edit View
//C Programming In Notepad
#include<stdio.h>
#include<conio.h>

int main()
{
printf("Welcome To C Programming Language\n");
printf("C Programming In Notepad");
getch();
}
```

 notepad.o E:\C CODE	Type: O File	Date modified: 09-Jan-23 11:55 AM Size: 1.15 KB
 notepad.exe E:\C CODE	Type: Application	Date modified: 09-Jan-23 11:54 AM Size: 227 KB
 notepad.c E:\C CODE	Type: C Source File	Date modified: 09-Jan-23 11:53 AM Size: 181 bytes

C Programming In DEV-C++ IDE:



The screenshot shows the DEV-C++ IDE interface. The main window displays a C program. The bottom panel shows the command line with the compilation and execution steps.

```
DEV-C++ E:\C CODE\DEVC.c - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 9.2.0 64-bit Release
(globals)
DEVC.c
1 //C Programming In DEV-C++ IDE
2
3 #include<stdio.h>
4 #include<conio.h>
5
6 int main()
7 {
8     printf("Welcome To C Programming Language\n");
9     printf("C Programming In DEV-C++ Integrated Development Environment (IDE)");
10    getch();
11 }
```

```
CMD Command line
PS
E:\C CODE>gcc DEVC.c -o DEVC.exe
$1
E:\C CODE>DEVC.exe
$2
Welcome To C Programming Language
C Programming In DEV-C++ Integrated Development Environment (IDE)
$3
E:\C CODE>gcc -c DEVC.c
E:\C CODE>
```

```
E:\C CODE\DEVC.exe
Welcome To C Programming Language
C Programming In DEV-C++ Integrated Development Environment (IDE)

-----
Process exited after 9.498 seconds with return value 0
Press any key to continue . . .
```

C Programming Tricks:

Compile: gcc filename.c -o filename.exe




Run: filename.exe



Object File: gcc -c filename.c

Preprocessor file: gcc -E filename.c -o filename.i

Resource file: windres Filename.rc -o coff Filename.res

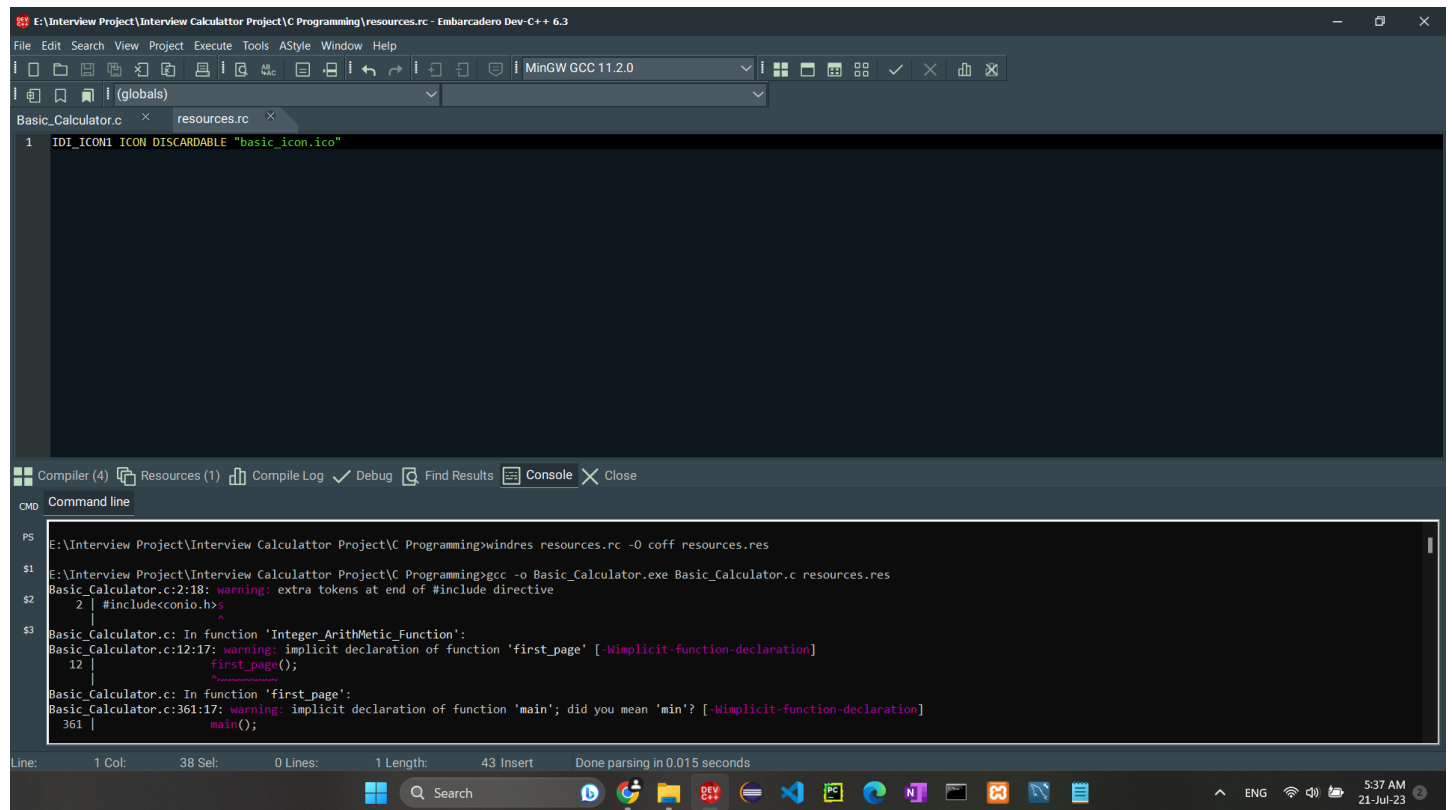
Give icon to exe file: gcc -o filename.exe filename.c Filename.res

	DEVCO.o E:\C CODE	Type: O File	Date modified: 09-Jan-23 12:12 PM Size: 1.20 KB
	DEVCO.exe E:\C CODE	Type: Application	Date modified: 09-Jan-23 12:11 PM Size: 227 KB
	DEVCO.c E:\C CODE	Type: C Source File	Date modified: 09-Jan-23 12:10 PM Size: 229 bytes

	PREPRO.c	16-Jan-23 6:52 PM	C Source File	1 KB	.c
	PREPRO.exe	16-Jan-23 7:00 PM	Application	228 KB	.exe
	PREPRO.i	16-Jan-23 7:00 PM	I File	59 KB	.i
	PREPRO.o	16-Jan-23 7:01 PM	O File	2 KB	.o

```
Command Prompt
E:\C CODE>gcc PREPRO.c -o PREPRO.exe
E:\C CODE>gcc -E PREPRO.c -o PREPRO.i
E:\C CODE>gcc -c PREPRO.c
E:\C CODE>PREPRO.exe
File Name : PREPRO.c
Date : Jan 16 2023
Time : 19:00:16
Line : 8
STDC : 1
E:\C CODE>
```

How To Give icon To Your C .exe File:



The screenshot shows an IDE window titled "E:\Interview Project\Interview Calculattor Project\C Programming\resources.rc - Embarcadero Dev-C++ 6.3". The editor displays the following code in `resources.rc`:

```
1 IDI_ICON1 ICON DISCARDABLE "basic_icon.ico"
```

Below the editor, the "Command line" window shows the compilation process:

```
PS E:\Interview Project\Interview Calculattor Project\C Programming>windres resources.rc -O coff resources.res
$1 E:\Interview Project\Interview Calculattor Project\C Programming>gcc -o Basic_Calculator.exe Basic_Calculator.c resources.res
$2 Basic_Calculator.c:2:18: warning: extra tokens at end of #include directive
    2 | #include<conio.h>
      |                  ^
$3 Basic_Calculator.c: In function 'Integer_ArithMetic Function':
Basic_Calculator.c:12:17: warning: implicit declaration of function 'first_page' [-Wimplicit-function-declaration]
    12 |         first_page();
      |         ^~~~~~
Basic_Calculator.c: In function 'first_page':
Basic_Calculator.c:361:17: warning: implicit declaration of function 'main'; did you mean 'min'? [-Wimplicit-function-declaration]
    361 |         main();
```

The status bar at the bottom indicates "Line: 1 Col: 38 Sel: 0 Lines: 1 Length: 43 Insert Done parsing in 0.015 seconds". The Windows taskbar at the bottom shows the time as 5:37 AM on 21-Jul-23.