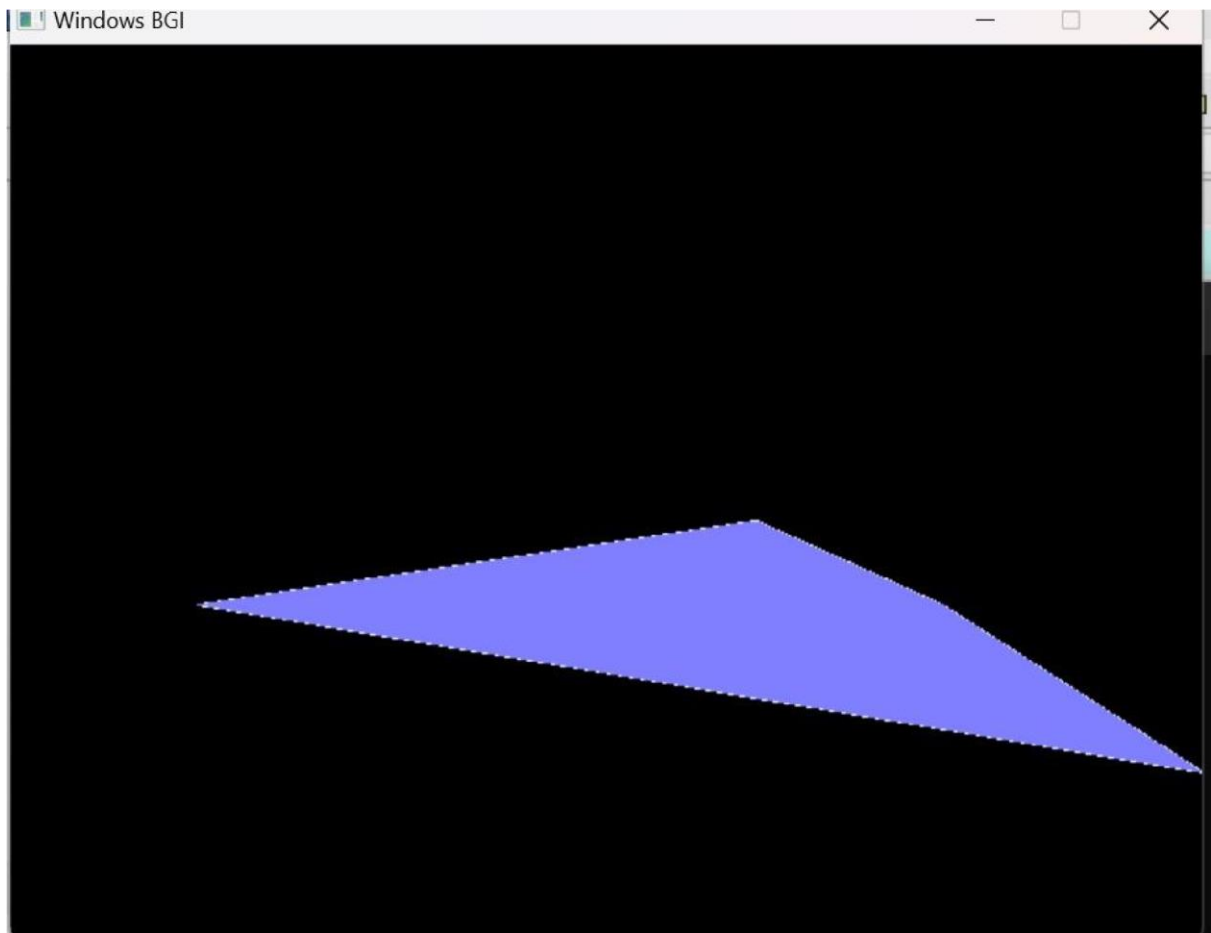
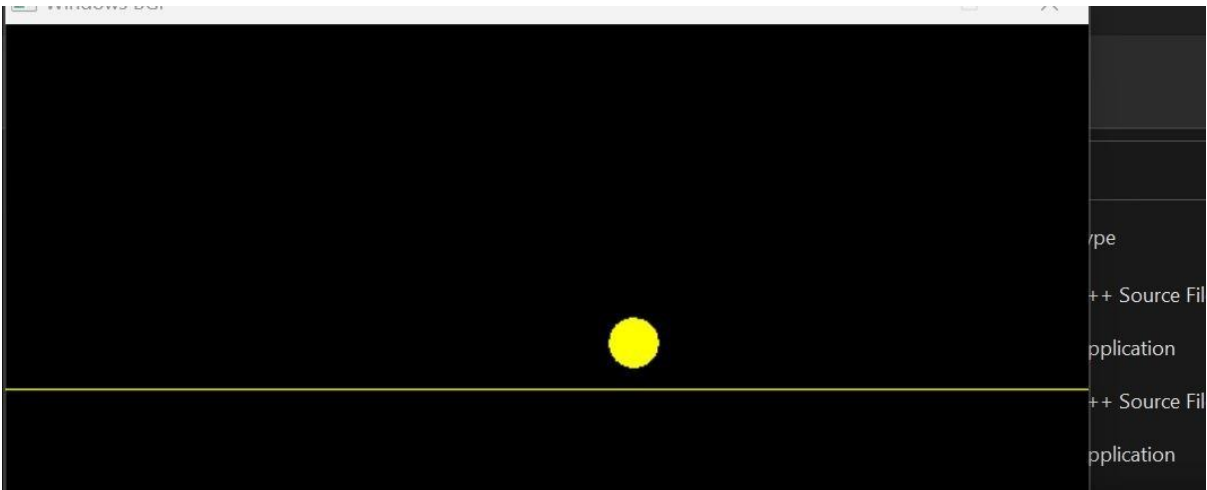
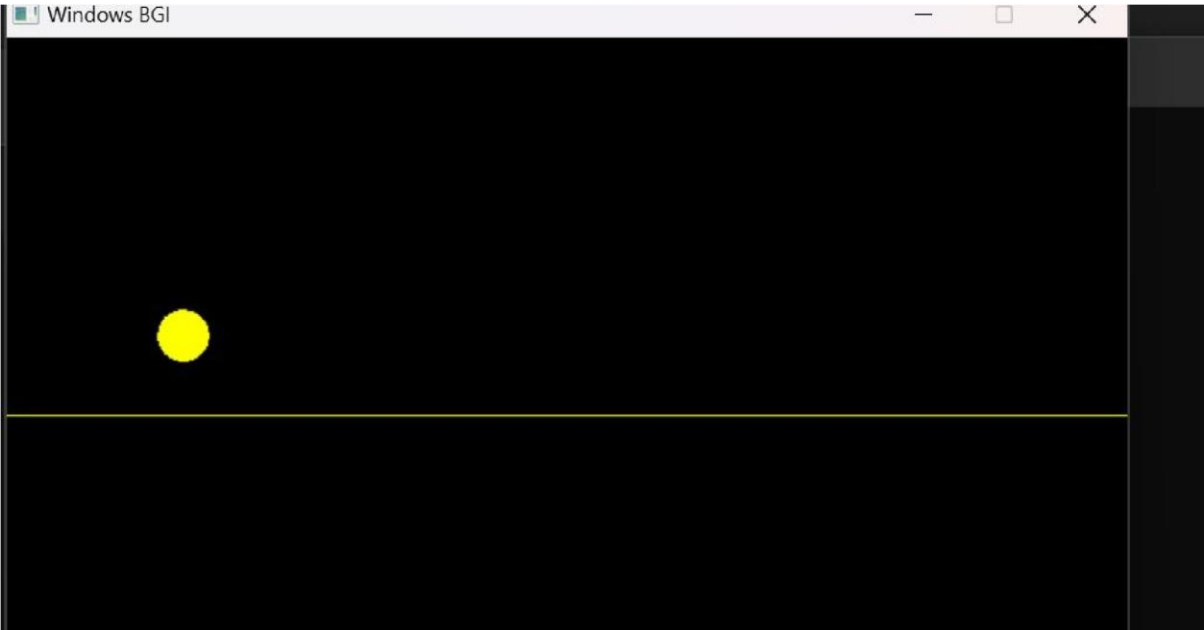


PRACTICAL OUTPUT:



PRACTICAL OUTPUT:



PRACTICAL OUTPUT:

The image shows a screenshot of a C++ IDE, likely Visual Studio, with a dark-themed editor window and a light-themed output window. The editor window contains the following code:

```
Give the value of n=5
|
```

The output window displays a fractal pattern, which is a Sierpinski triangle, rendered in white lines on a black background. The pattern is composed of a grid of small squares, each containing a complex, self-similar geometric design. The pattern is 10 squares wide and 10 squares high, forming a larger square shape.

The IDE interface includes a toolbar at the top with buttons for "Run", "Debug", and "Build". The output window shows the following text:

```
Compilation Results...
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\RICHAFATIL\Desktop\cpp\cg5.exe
- Output Size: 1.41655445098877 MiB
- Compilation Time: 1.47s
```

The status bar at the bottom of the IDE indicates the current line and column numbers: "line: 1 Col: 1". It also shows the total number of lines and the length of the code: "Lines: 48 Length: 879". The status bar also indicates the current mode: "Insert".

PRACTICAL OUTPUT

Enter the Number Of Edges:3

Enter The Coordinates :50

100

150

100

150

50

Enter your choice

1.Translation

2.Scaling

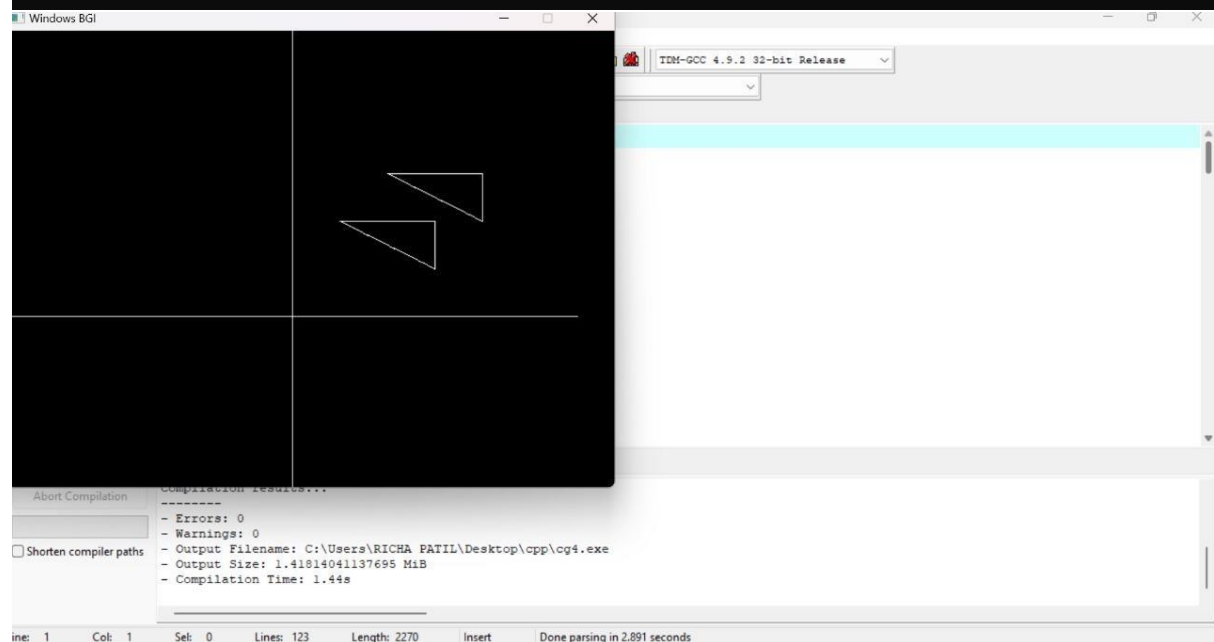
3.Rotation1

TRANSLATION OPERATION

Enter value for tx and ty:50

50

Press 1 to continue



Enter the Number Of Edges:3

Enter The Coordinates :50

100

150

100

150

50

Enter your choice

1.Translation

2.Scaling

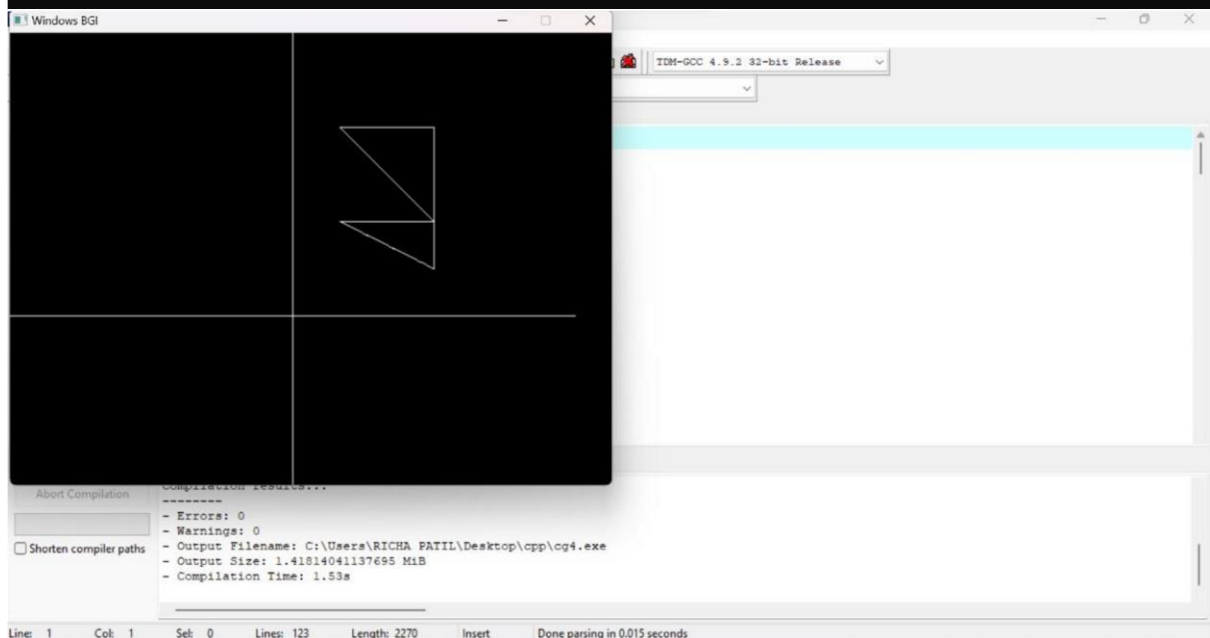
3.Rotation2

SCALING OPERATION

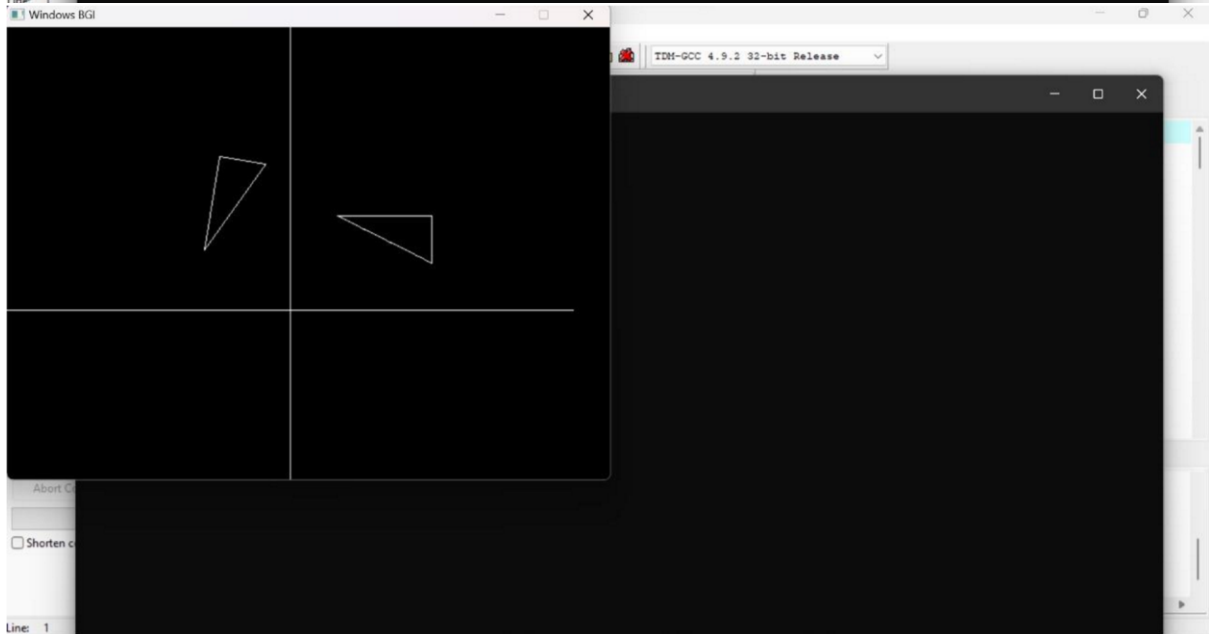
Enter value for sx,sy:1

2

Press 1 to continue|



```
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 32-bit Release
C:\Users\RICHAPATIL\Desktop
Enter the Number Of Edges:3
Enter The Coordinates :50
100
150
100
150
50
Enter your choice
1.Translation
2.Scaling
3.Rotation3
ROTATION OPERATION
Enter value for angle:45
Press 1 to continue
-----
Process exited after 57.46 seconds with return value 0
Press any key to continue . . . |
```



PRACTICAL OUTPUT

The image shows a C++ IDE with a menu bar (File, Edit, Search, View, Project, Execute, Tools, AStyle, Window, Help) and a toolbar. The project list includes 'Untitled1', 'cg4.cpp', 'cg6.cpp', 'cg3.cpp', 'cg5.cpp', and 'cg2.cpp'. The active file is 'cg2.cpp', which contains the following code:

```
1 #include <iostream>

Enter x1 and y1
200
250

Enter x2 and y2
300
450

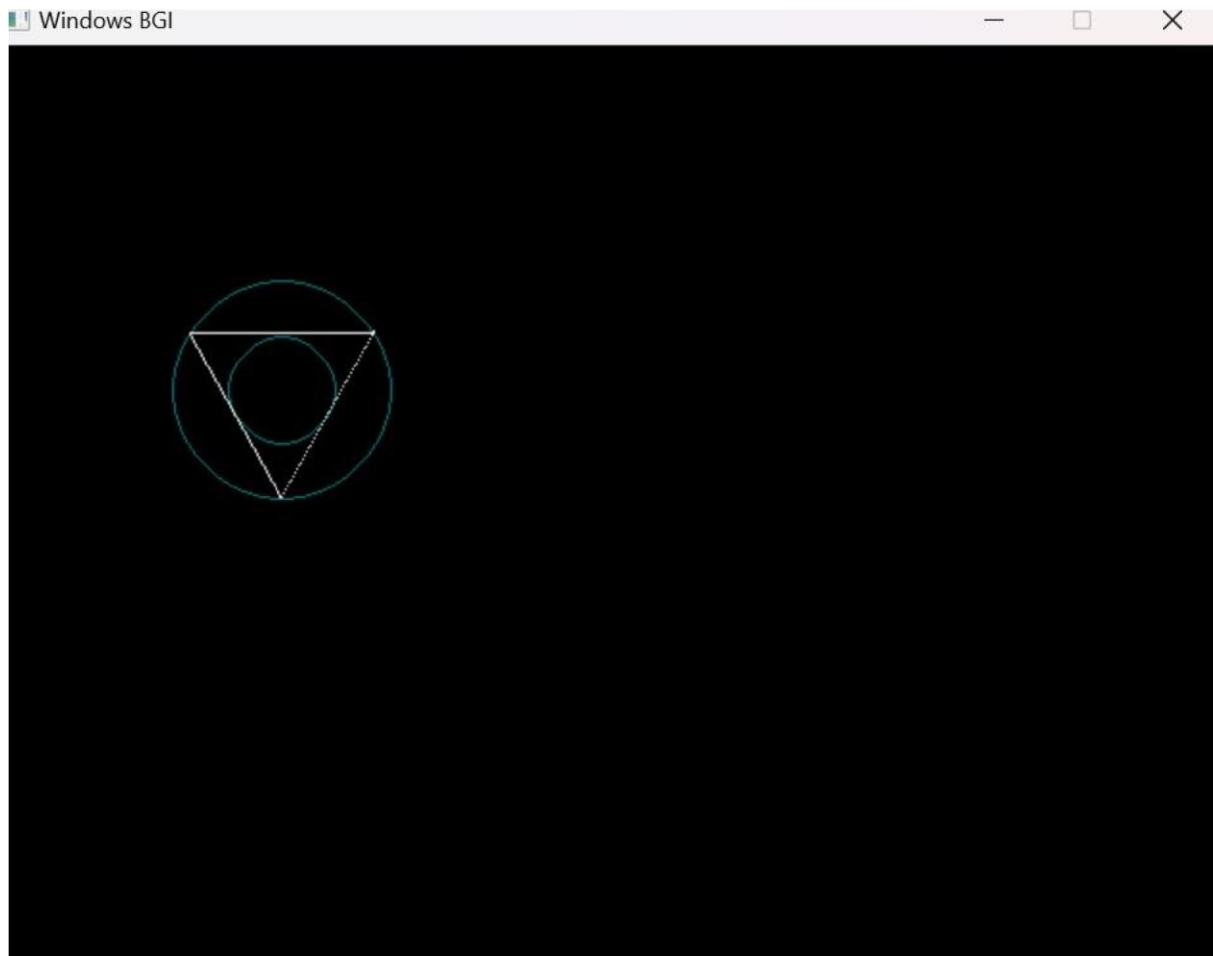
-----
Process exited after 23.05 seconds with return value 0
Press any key to continue . . .
```

Below the code editor, there is a 'Compiler' section with an 'Abort Compilation' button and a checkbox for 'Shorten compiler paths'. A 'Windows BGL' window is open, displaying a black rectangle with a white diagonal line from the bottom-left to the top-right. The 'Compilation Results' window shows the following output:

```
-----
- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\RICHIA PATIL\Desktop\cpp\cg2.exe
- Output Size: 1.41771602630615 MiB
- Compilation Time: 1.50s
```

The status bar at the bottom indicates 'Line: 1 Col: 1 Sel: 0 Lines: 156 Length: 2863 Insert Done parsing in 0.032 seconds'.

PRCATICAL OUTPUT



PRCATICAL OUTPUT

