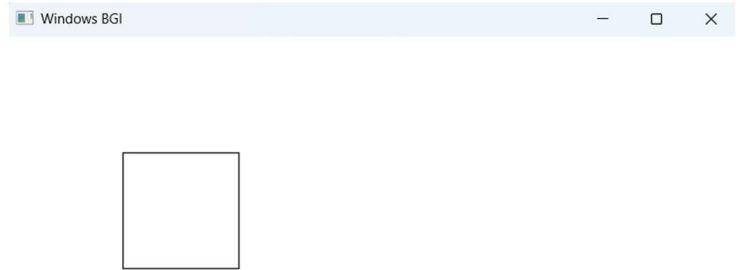


2D-Transformation Output

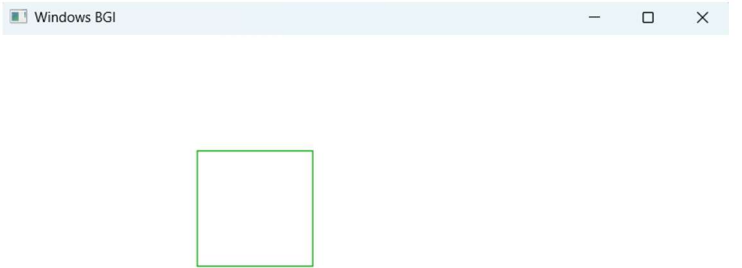
Shape Drawn: Square with coordinates (100,100), (200,100), (200,200), (100,200), (100,100)

Original Shape



Translation

```
-----Translation-----  
Enter translation factors (tx ty): 70  
2
```



Scaling

```
-----Scaling-----  
Enter scaling factors (sx sy): 2  
1
```



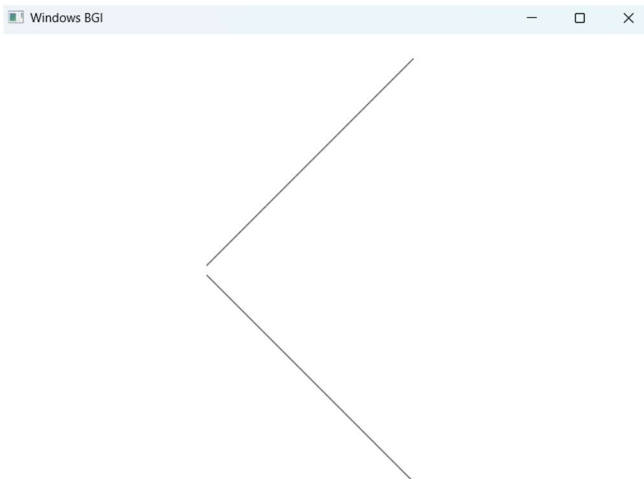
Rotation

```
-----Rotation-----  
Enter rotation angle (in degrees): 10
```



Reflection across X-axis:

Original Line: Line at the bottom
Reflected Line: Line at the top



Reflection across Y-axis:

Original Line: Line at the left
Reflected Line: Line at the right

