**ADVANCED SOFTWARE ENGINEERING**

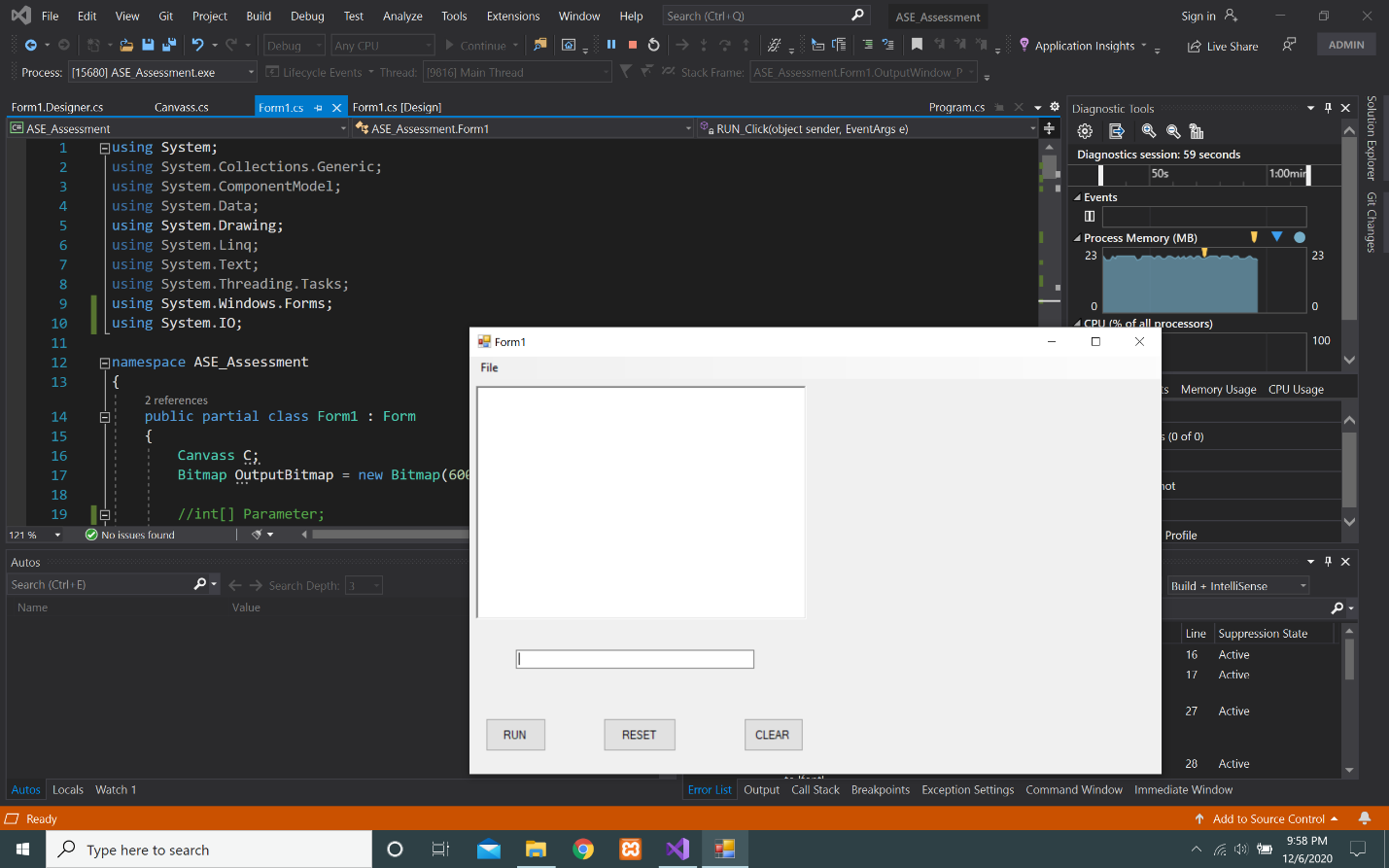
ASSESSMENT -1

GRAPHICAL PROGRAMMING LANGUAGE

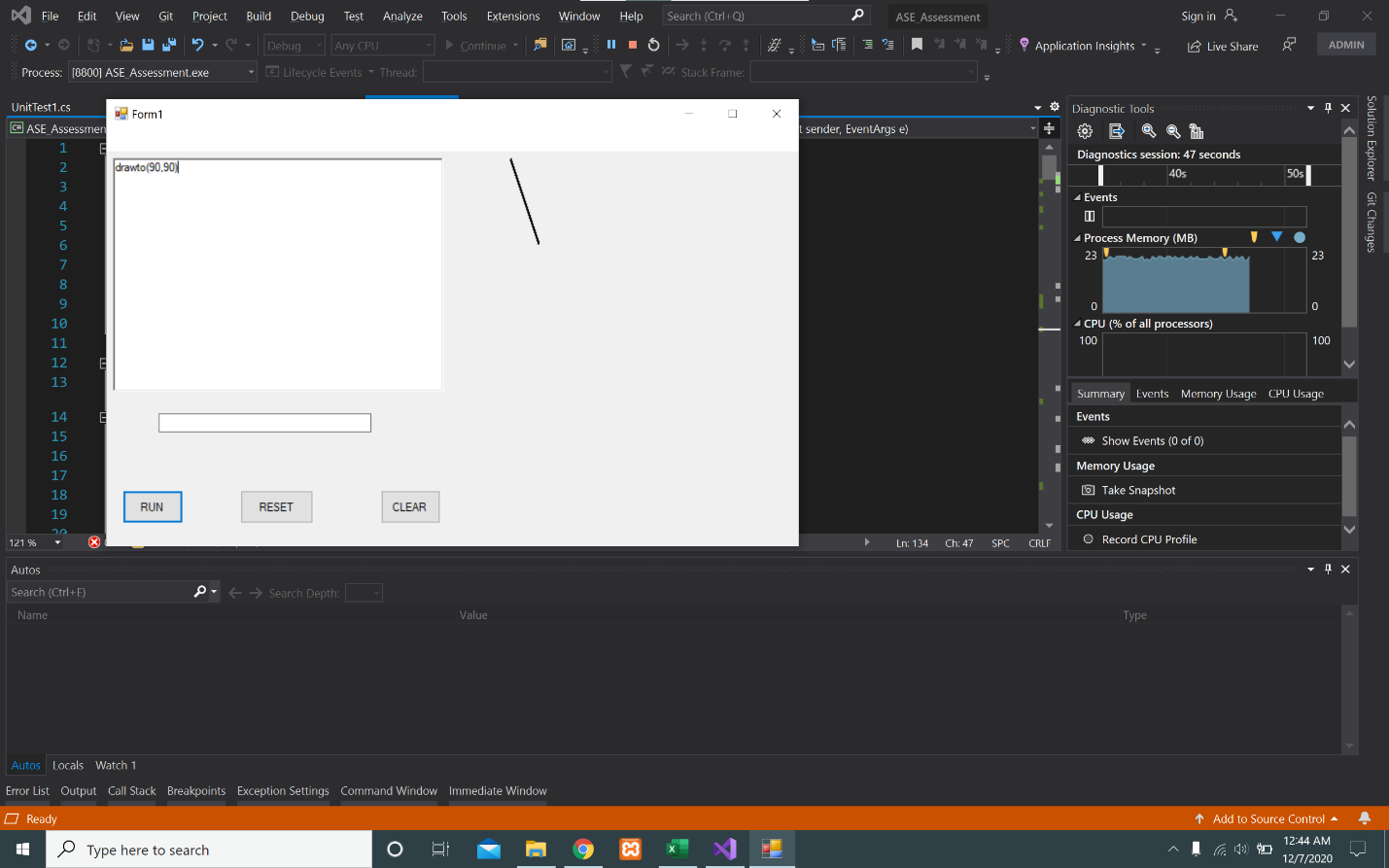
***Name : Rajan Shahi***

**Student id - 77202325**

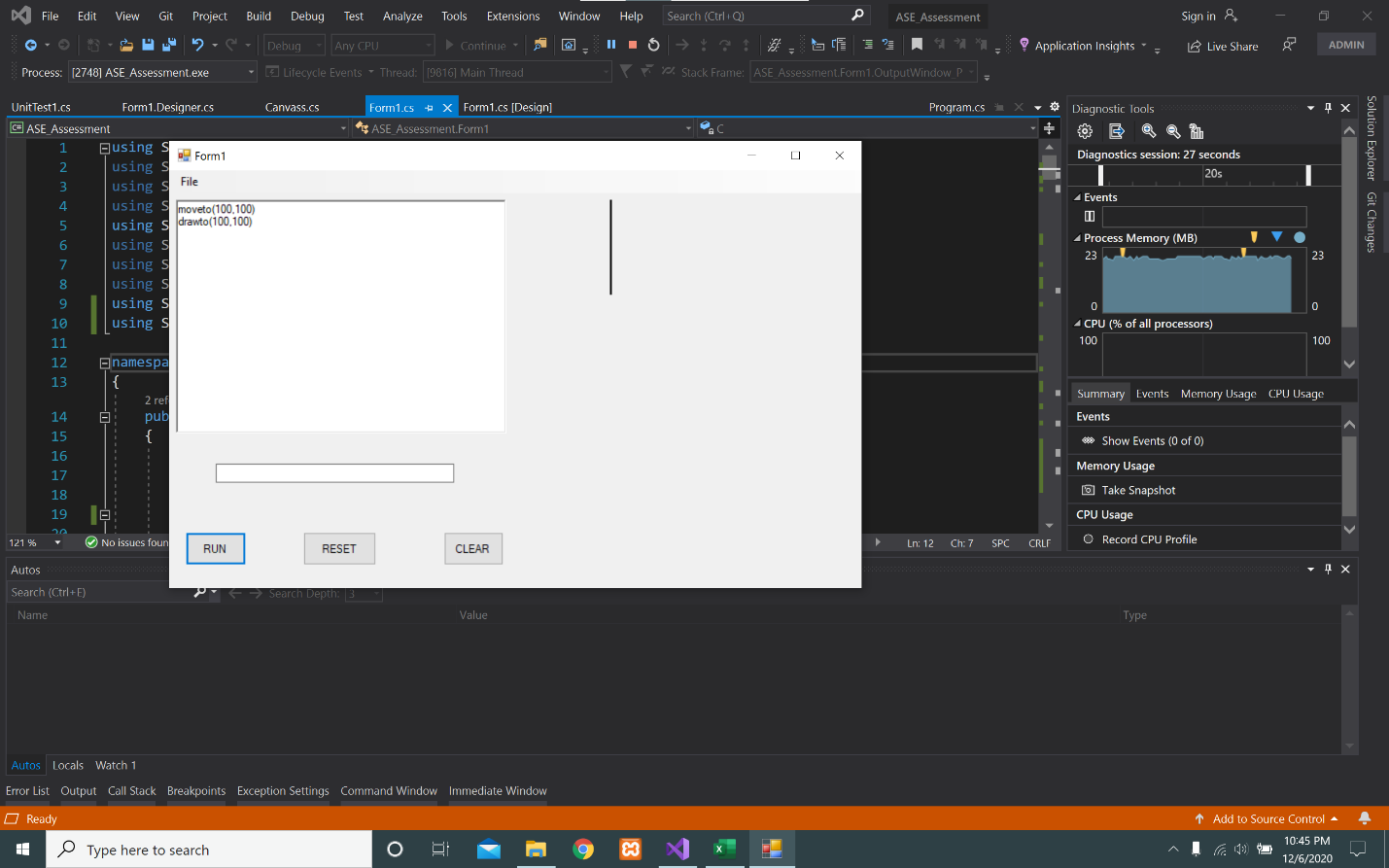
PROGRAM SCREENSHOT:-



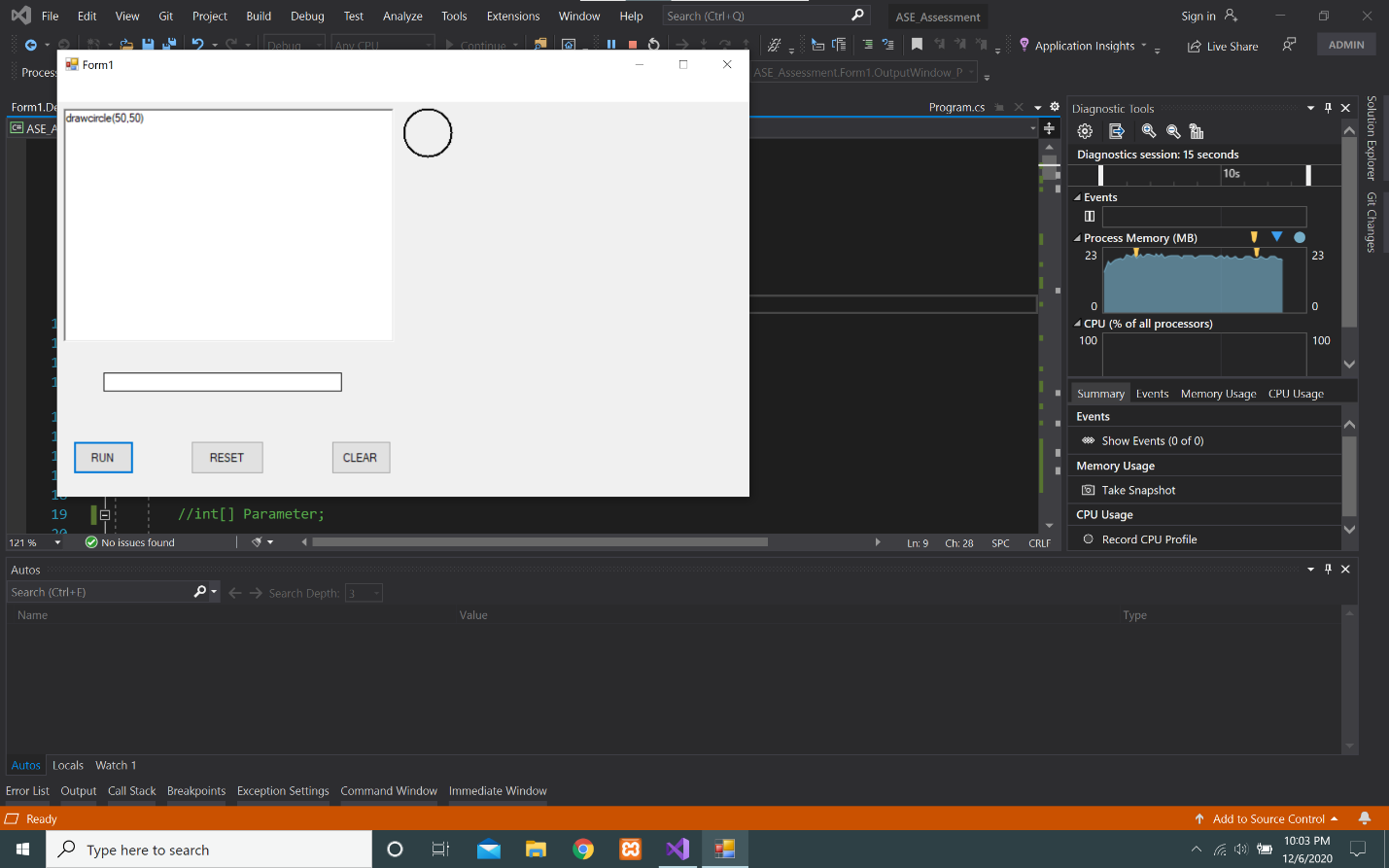
This is the main interface of the program which contains a text box for command line.



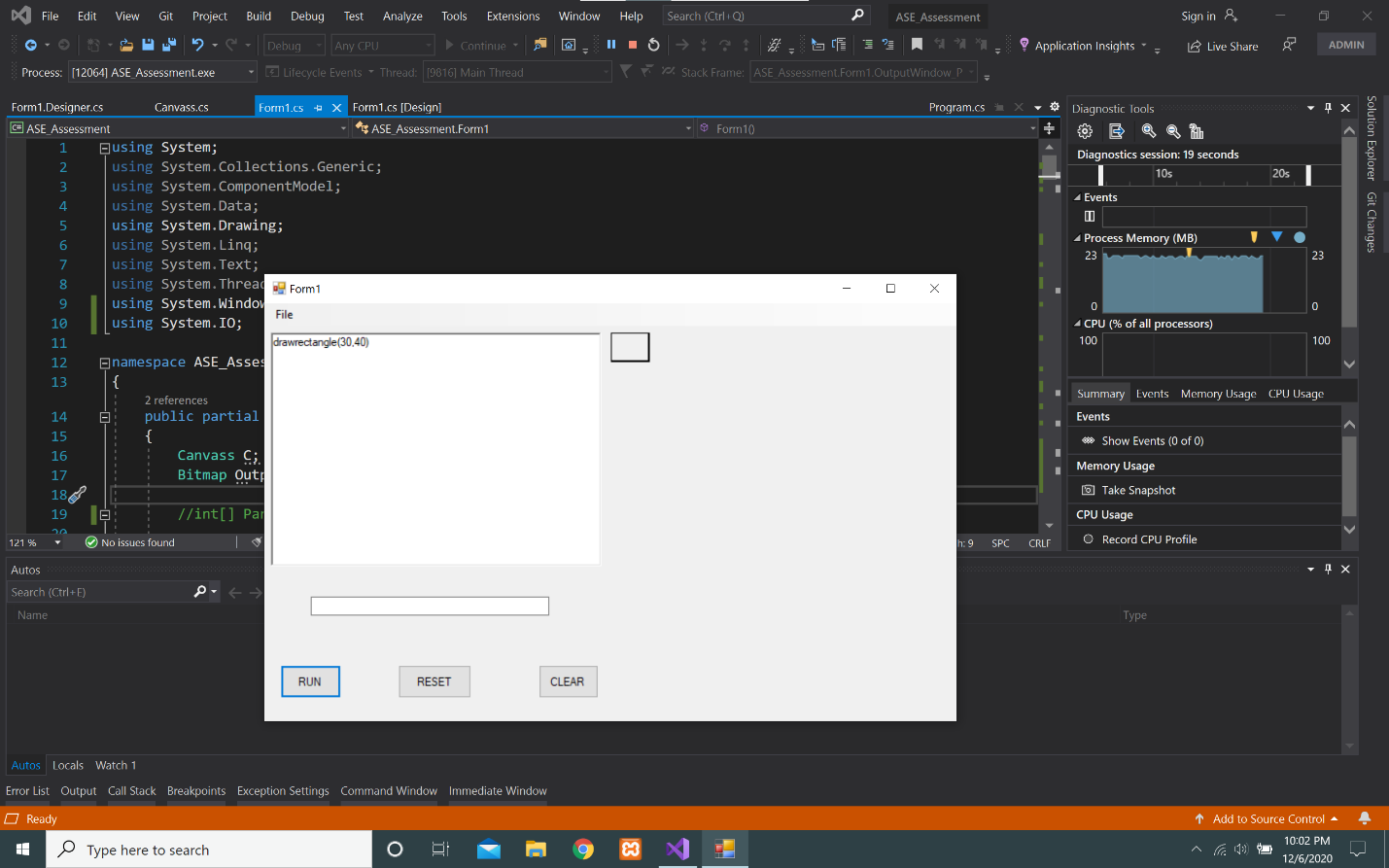
Executing command “drawto(90,90)” to draw a line on the drawing panel.



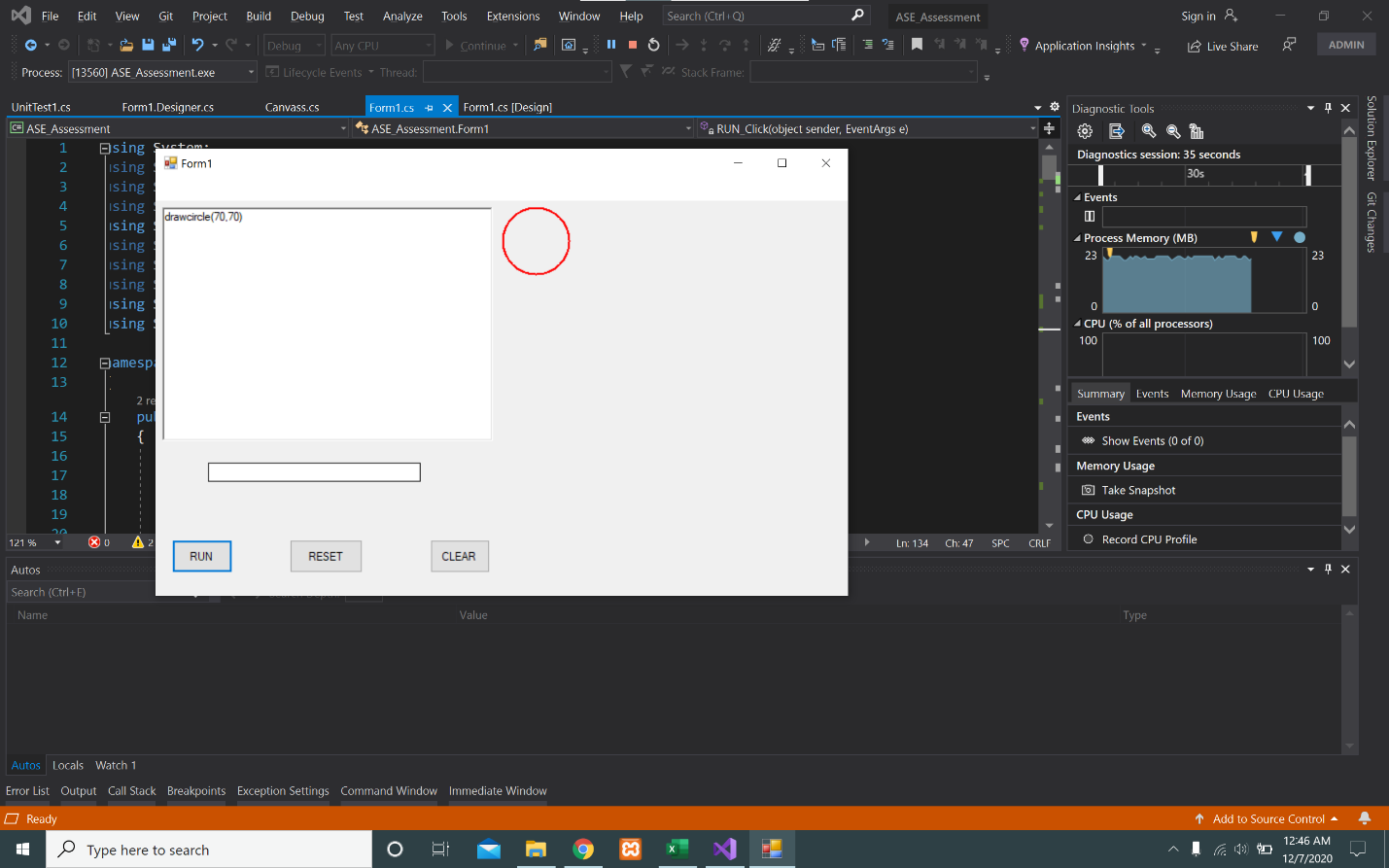
Executing command “moveto(100,100)” to draw a line on the given co-ordinates on the drawing panel.



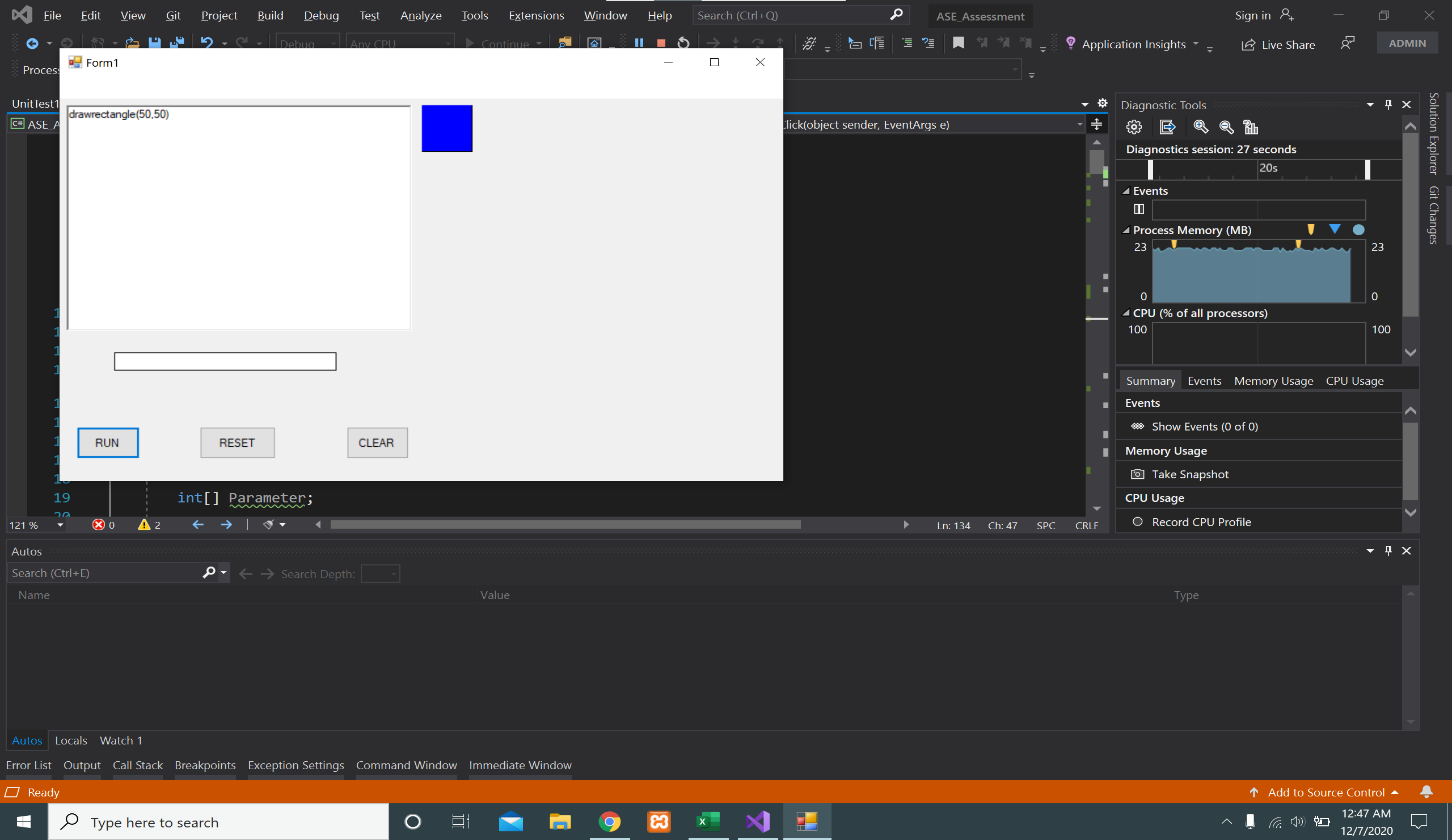
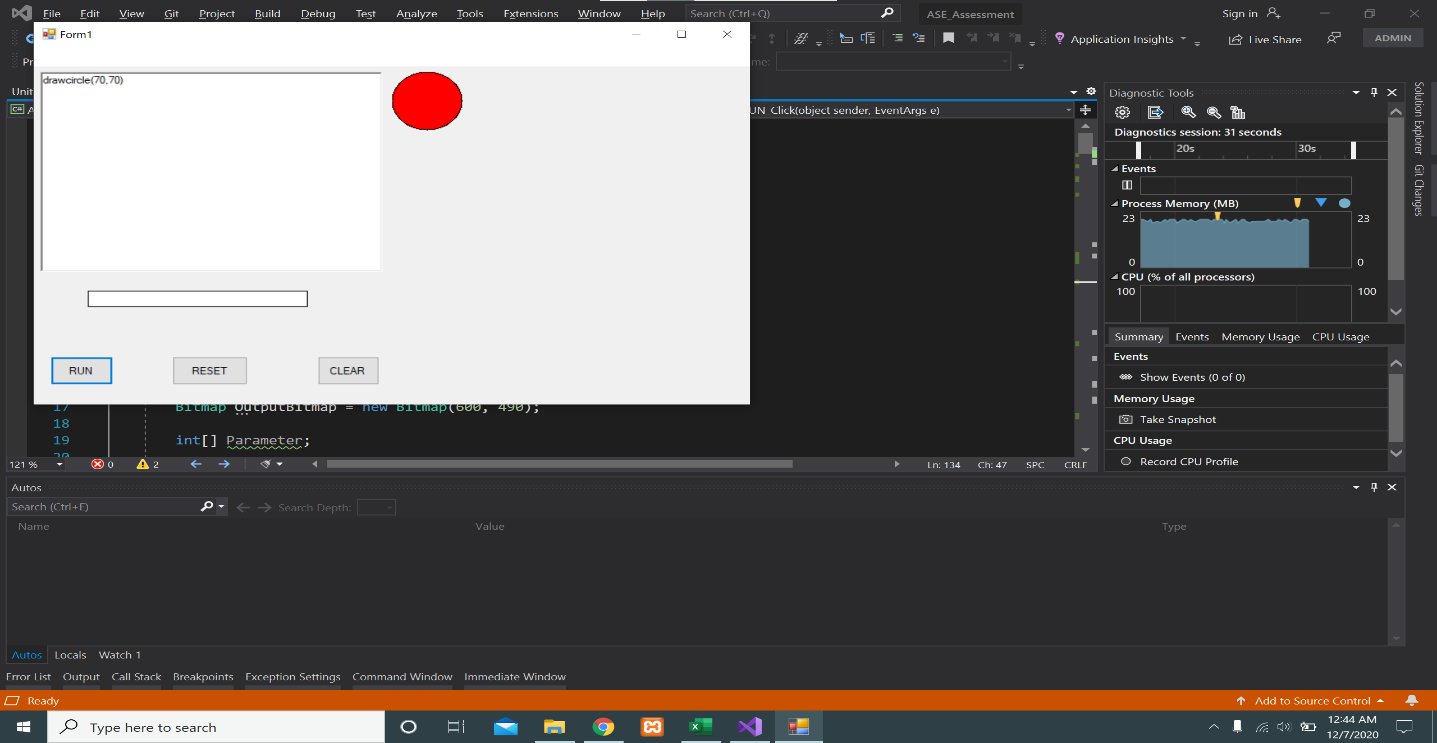
Executing command “drawcircle(50,50)” to draw a circle on the drawing panel.



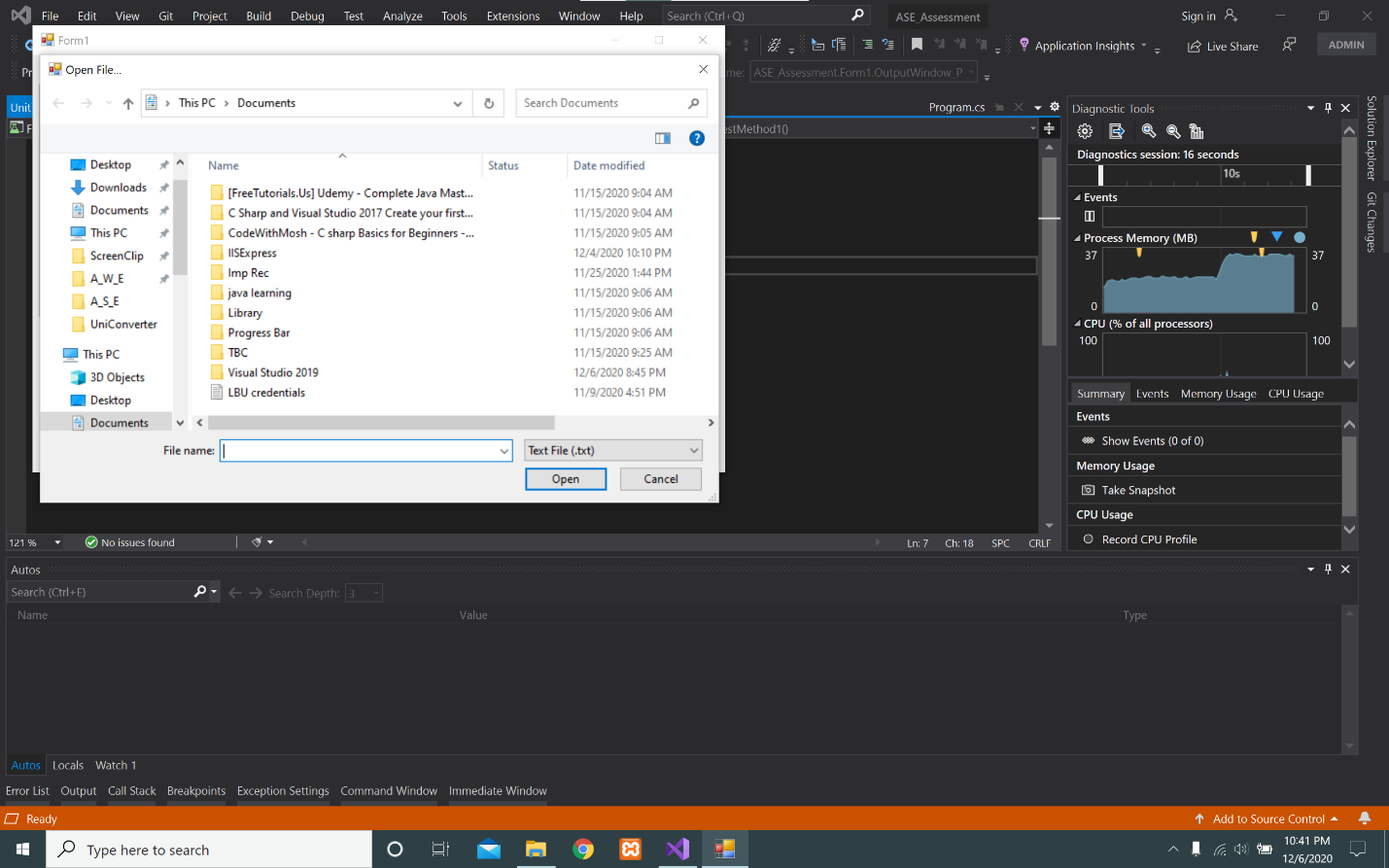
Executing command “drawrectangle(30,40)” to draw a rectangle on the drawing panel.



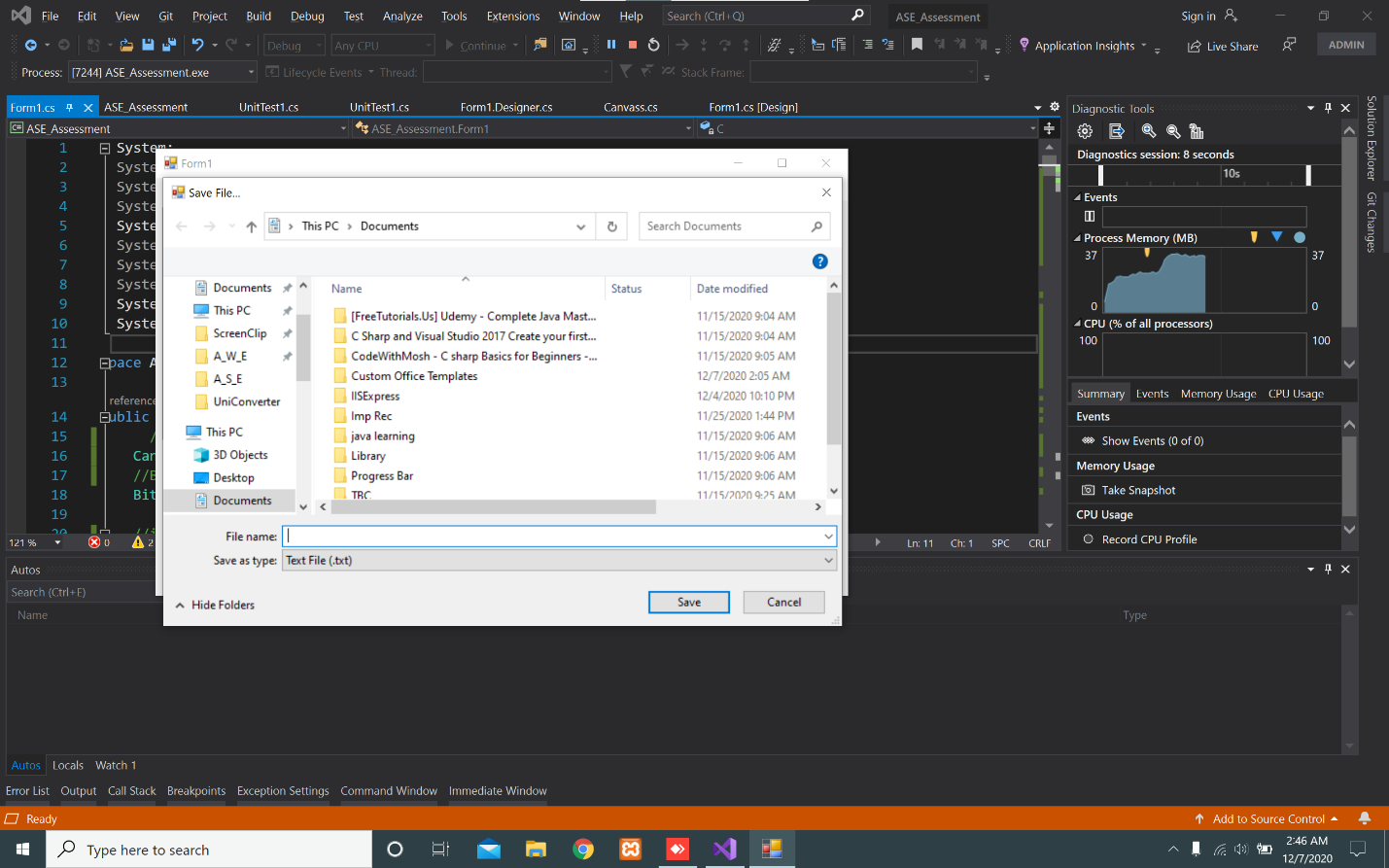
Executing command “pen(red)” to display a red pen in circle on the drawing panel.

rectangle as well as command “fill(red)” to display a red color on circle as given co-ordinate on the drawing panel.

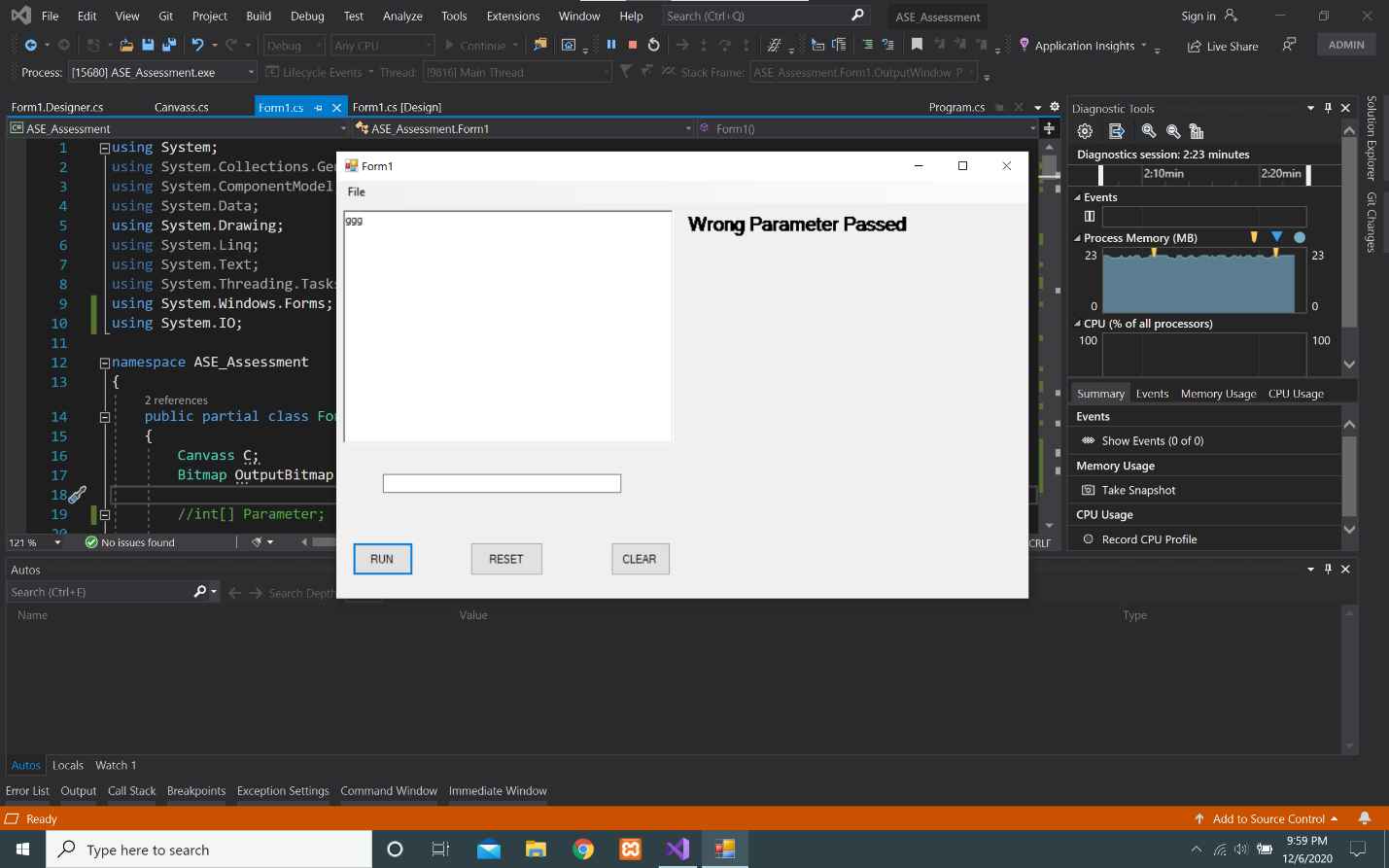


Loading the text file from Local directory

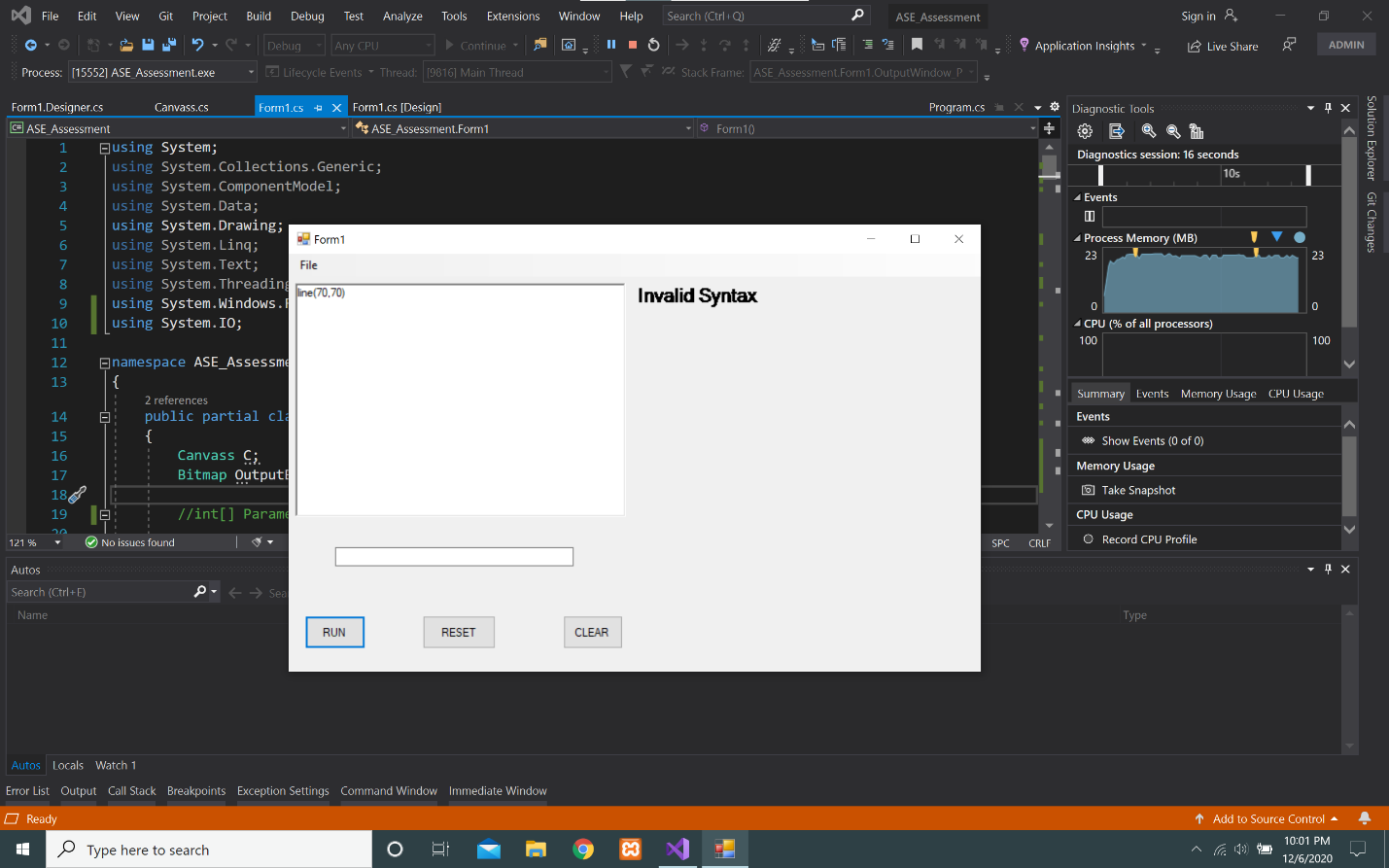


Saving the command to a text file.

***PARAMETER AND SYNTAX VALIDATION:-***

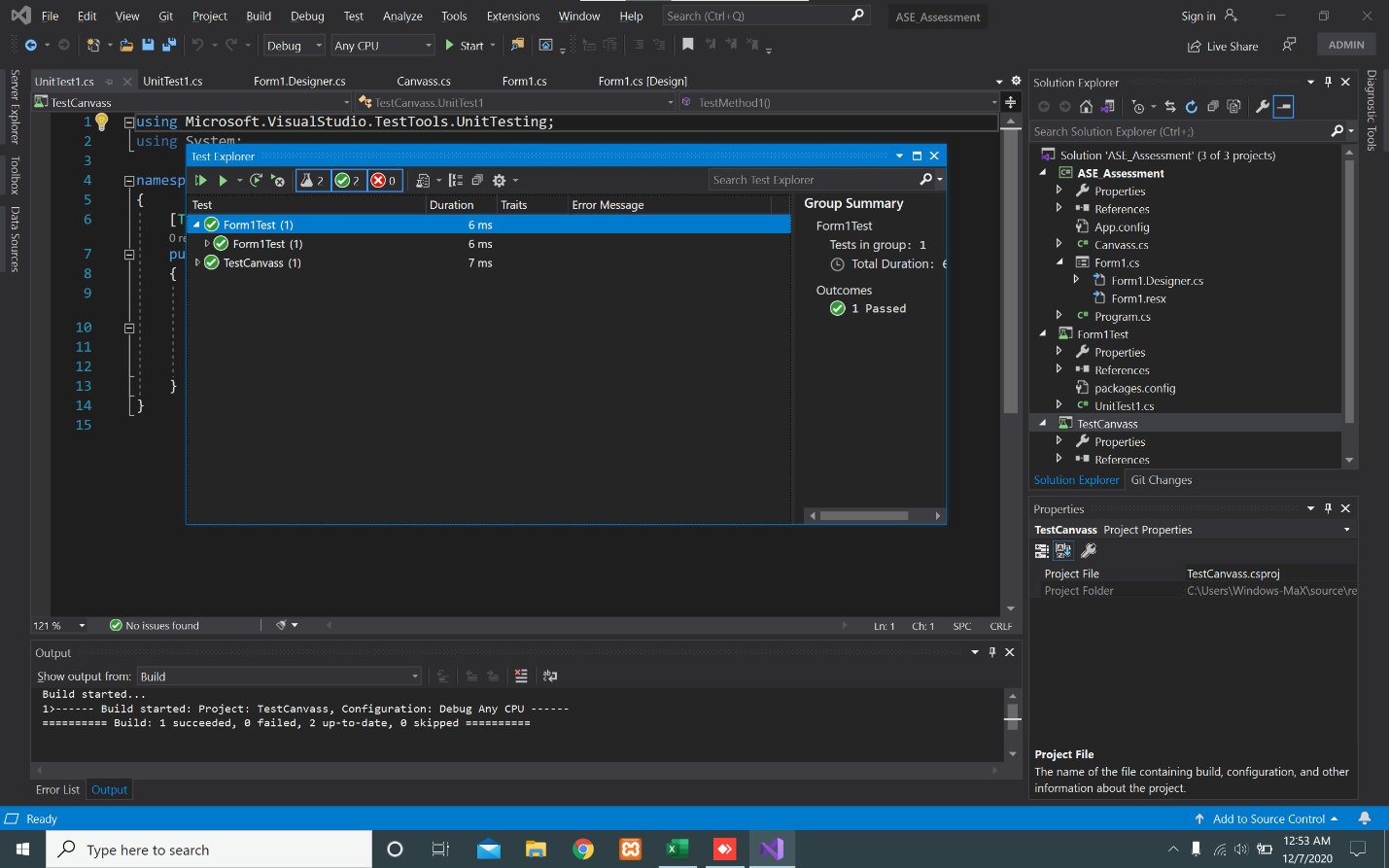


Showing error on console for passing wrong parameter.

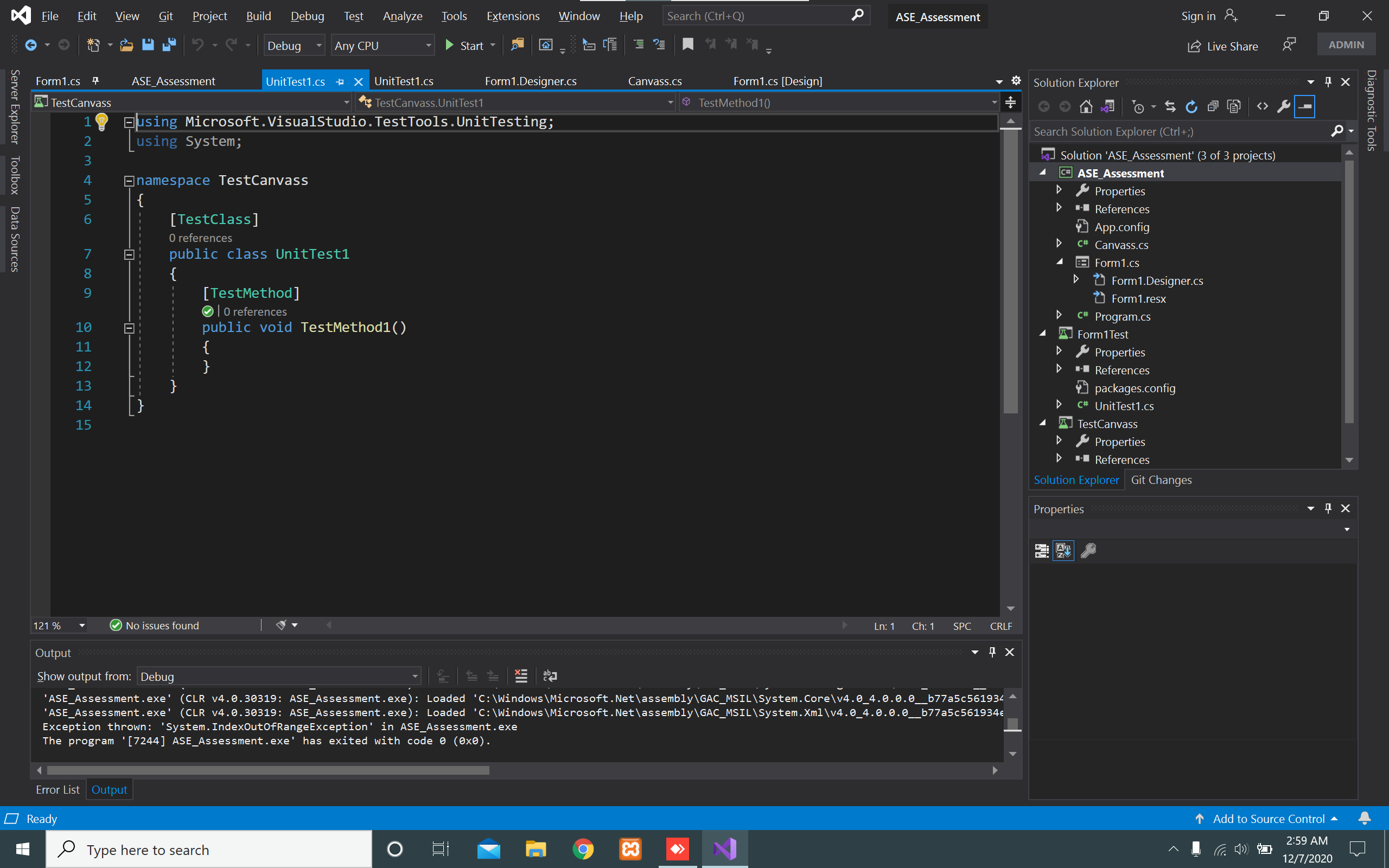


Showing Invalid Syntax on console.

Unit Testing:-



A screenshot of the unit testing performed on Visual Studio 2019.



Unit testing for project.

**Test Case:**

