



SESSION 2018/2019 SEMESTER 2

LAB 2

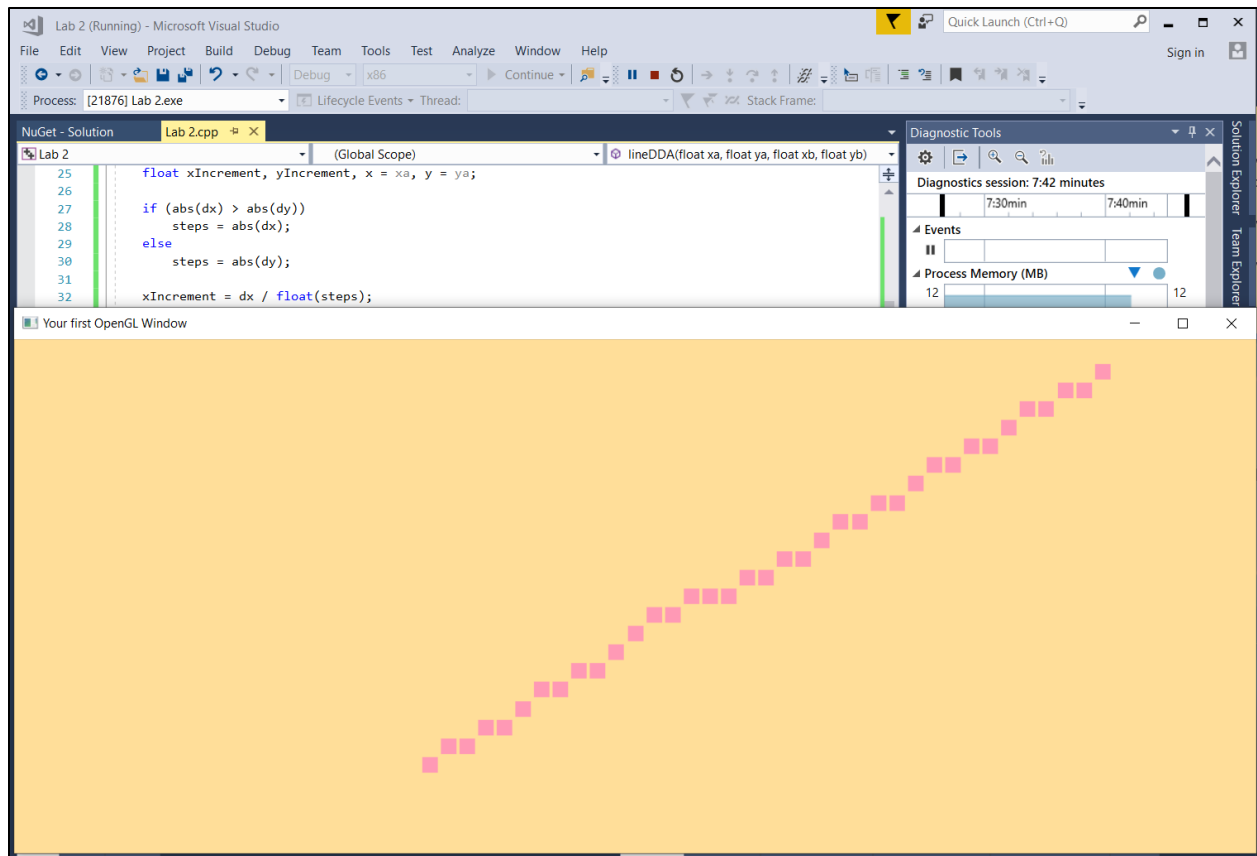
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SUBJECT NAME: FUNDAMENTAL OF COMPUTER GRAPHICS

SUBJECT CODE: SCSV2213

SECTION: 01



Output print screen

Discussion

This is the output of our lab 2 which the focus is on the implement of (Digital Differential Analyzer) DDA line algorithms. Before doing the lab, we have class about theory of line drawing. Through the class we know about the theory of line drawing and this lab gave us the chance to implement the concept.

By following the guideline given, first I wrote the our own 'setPixel' function. Then, we are required to add and test the 'setPixel' function which had wrote before by calling the function from the display function. After that, test the range of pixel coordinates that can be plotted inside the window and make some adjustment and lastly, we had to implement DDA line algorithm into the program. But, I had make some modification to reshape the window size by inserting reshape function so that the coordinate that exceed the window screen can be seen.

Along the process of completing this lab, I had face some problems especially the window size. After some time discussing with course mates, we finally found out the solution from google and completed it on time.