

**Your Name** \_\_\_\_\_

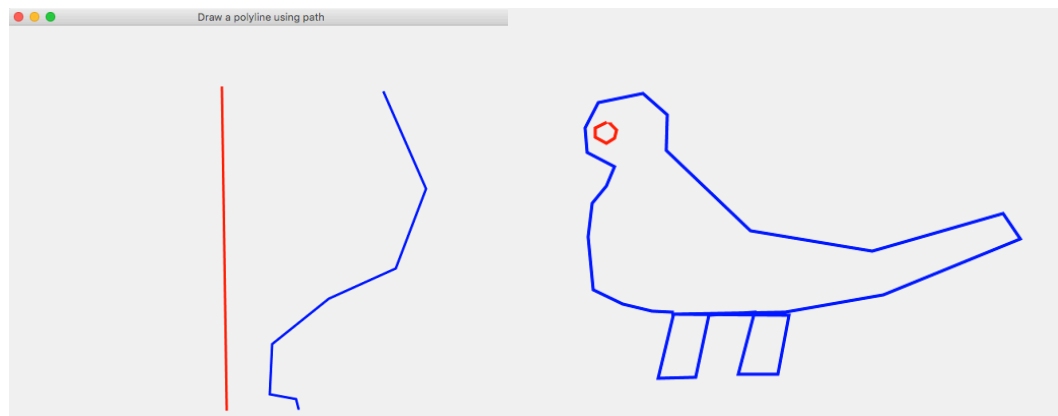
**CS5405HW7 (Due Thursday November 07, 2018 in class)**

We are Chapter 15. We have covered step by step up to Section 15.10. To do this assignment do NOT use any structures beyond what you learnt in this class. You may use any java code from the examples in the book or demos on the Canvas. Do what this write up says, not what I say otherwise.

I showed you the demo in the class with lines, polylines and paths. Read and understand JavaFX8 GUI Shapes.

*This Homework is as proposed to you in the class.* Draw **two** free hand polylines or paths. Be as artistic as you can. ON Canvas, Demo code for one polyline is for your guidance. Refer to how two functions of mouse are used: MouseMoved, and MouseClicked

Here are two samples, each has two polylines. The right figure is a path within a path.



**Deliverables before you turn it in, check mark these things.**

- [5] User interface buttons for Author, Problem description, References as usual. Update them for this assignment.
- [5] Show label the prompt the user what to do.
- [5] Once two polylines are done, deactivate the mouse from drawing any more.
- [5] Clear the drawing area except for buttons for interaction with the program.
- [10] Do not use any IDEs. This will ensure that you will lose points if you do not follow the guidelines. It has been iterated and reiterated to refrain from such activity in this course.
- [10] Any files that are not needed in code and source directories must be removed.
- [10] jar file works correctly with this assignment program, works on double mouse click.
- [5] Name the program driver as Demo.java.
- [5] Place .java files in source directory, compiled byte code will be in "code" directory
- [5] Place manifest file in the source directory.
- [5] Create one jar file named Demo.jar containing the folders: source and code
- [5] Upload Demo.jar file to Canvas, do not turn it to me if you missed the due time on Canvas.
- [5] Bring to class a printed copy of java source code, a sample of program execution output of the program to demonstrate
- [5] Print this assignment description and place it on top of the printed copy for grade feedback. Write your name on it.
- [5] staple of binderClip the printed copy when you hand in.
- [20] Program works correctly, use self documenting variables.

This is required by honor code and the school of undergraduate/graduate studies: You will write your own code. If any sort of plagiarism occurs, guidelines were given in the class. Copying the program will result in loss of ALL credit and will be reported to dept for proper credit.

**Late Homework will not be accepted/graded by the grader.** Do not ask for partial credit for turning in late, it will not happen. The grader has his own exams, classes, interviews. He is not paid for grading the same work multiple times. It is not at all fair to you or the grader to accept late work. You have a week to do it. If you have any questions ask me in the class. It gives you time to ask question to do it on time inspite of it being discussed in the class before it is assigned.