Instructions:

You are allowed to complete the assessment problems below in whatever way you can but please answer the following questions/points as part of your submission:

1. How many hours did it take you to complete this assessment? Approx. 15 hrs

2. What online resources you have used? Lectures, WSchools, Stack OverFlow, , geeksforGeeks.com,javapoint.com

3. Did you need to ask any of your friends in solving the problems. No

4. Did you need to ask questions to any of your instructors? No

5. Rate (subjectively) the difficulty of each question from your own perspective, and whether you feel confident that you can solve a similar but different problem requiring some of the same techniques in the future now that you’ve completed this one.

Question 1 and 3 were ok but Question 2 was difficult – inheritance with geometry is not easy. Could I solve something similar – with much patience, previous code to work with and enough time, I would end up being able to solve it.