Exercise 4

1. Define the class *Vehicle*, with at least four attributes and five member function. Then define classes *Car* and *Bus* that derive from the class *Vehicle* with any convenient from your point of view attributes and functions. Demonstrate how defined by you classes can be used, please remember that your program should equipped with simple user interface.

2. Define the class *Vehicle as in specified in point 1*. Then define classes *Car* and *Bus* that aggregate the class *Vehicle*. Define any convenient from your point of view attributes and functions. Demonstrate how defined by you classes can be used, please remember that your program should equipped with simple user interface.

3. Compare programs from points 1 and 2. Which one is better in your opinion, justify your answer.