CMPE 101 - Intermediate Programming

Assignment-07

Worth 20% of the assignment mark!

Deadline: 09:00 April 24

In your assignment, explain your code with *comments*. Without *comments*, your assignment will not be marked. All class and method names must be used according to OOP concept.

Problem

Create a class called Vehicle that has the manufacturers name (type String), number of cylinders in the engine (type int), and owner (type Person given next). Then, create a class called Truck that is derived from Vehicle and has the following additional properties: the load capacity in tons (type double since it may contain a fractional part) and towing capacity in pounds (type int). Be sure your class has a reasonable complement of constructors, accessor and mutator methods, and suitably defined equals and toString methods.
Write a program to test all your methods.