CSC1850 Object-oriented Programming (Fall 2025)
Homework Assignment 7
(10 points)

Due Date: Sunday, October 19 before midnight

Inheritance: Car, Minivan, and Truck Classes.

Design a Car class that the following members:
• A field for the name of the Car (a string).
• A field for the year that the Car was built (a string).
• A constructor and appropriate accessors and mutators.
• A toString method that displays the Car's name and the year it was built.

Design a Minivan class that extends the Car class.
The Minivan class should have the following members:
• A field for the maximum number of passengers (an int).
• A constructor and appropriate accessors and mutators.
• A toString method that overrides the toString method in the base class.

The Minivan class's toString method should display only the Car's name and the maximum number of passengers.

Design a Truck class that extends the Car class.
The Truck class should have the following members:
• A field for the cargo capacity in tonnage (an int).
• A constructor and appropriate accessors and mutators.
• A toString method that overrides the toString method in the base class.

The Truck class's toString method should display only the Car's name and the Car's cargo capacity.

Submission
    Submit your source code (.java) with some screenshot on Canvas.

ALSO, Please continue to next page about online testing for Test #2.

Please watch a short video on youtube

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And read the webpages about the online testing platform proctorU.com

www.proctoru.com

Test-Taker Library – ProctorU

especially this section

Getting Started

How to Get Started with the ProctorU Platform

How to Test Your Equipment

Frequently Asked Questions About Exam Day

What time should I arrive for my exam?

What do I need to have for my exam?

What am I allowed and not allowed to do during my exam?

Do you want to take test in a physical classroom as before? Or you prefer taking test online with the protorU.com platform? Please tell me in your hw submission. Thank you.