

## CSCI-101 Introduction to Programming

### Lab 12

Log onto cs.bridgewater.edu. Change your working directory to the **labs** directory in your repository. Create a subdirectory (in labs) named **lab12**. Change your working directory to **lab12**. When complete with this lab, please push your code to GitHub and update your **README.md** file to provide the path to the **lab12** directory and your Java source code.

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Write a class named PickupTruck that models a pickup truck. The class should have the following:

- Private fields for the truck's VIN (String), make (String), and model (String).
- A constructor that sets the truck's VIN, make, and model.
- Getters for all fields.
- No setters.
- A method that overrides the Object class' toString() method and returns a string containing all of the data in all fields.
- A method that overrides the Object class' equals() method and considers the VIN as the only significant field.

Write a program named TruckApp that satisfies the contains the following:

A main() method that does the following:

- Create an array of 2 PickupTrucks and sets the array using instances having the following data:
- PickupTruck 1: vin: 783934ACJJD, make: Ford, model: F-150
- PickupTruck 2: vin: HJH343255HJ, make: Toyota, model: Tacoma
- Calls printPickupTrucks() (defined below), passing to it the array of PickupTrucks created above.

A method named printTrucks() that takes an array of PickupTrucks as an argument and prints the strings returned by toString() for each Truck in the array.