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|  | CS506-Webdevelopment  ASSIGNEMN-1  JUNAID MALIK |  |
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QUESTION NO 1:

SOLUTION:

import java.util.ArrayList;

class Vehicle {

private String name;

private double price;

private String model;

public Vehicle() {

this("", 0.0, "");

}

public Vehicle(String name, double price, String model) {

this.name = name;

this.price = price;

this.model = model;

}

public Vehicle setName(String name) {

this.name = name;

return this;

}

public Vehicle setPrice(double price) {

this.price = price;

return this;

}

public Vehicle setModel(String model) {

this.model = model;

return this;

}

public String getName() {

return name;

}

public double getPrice() {

return price;

}

public String getModel() {

return model;

}

public void display() {

System.out.println("Name: " + name);

System.out.println("Price: " + price);

System.out.println("Model: " + model);

}

}

public class junaid\_malik {

public static void main(String[] args) {

ArrayList<Vehicle> vehicles = new ArrayList<>();

Vehicle vehicle1 = new Vehicle("Tesla Model S", 80000.0, "2022");

Vehicle vehicle2 = new Vehicle().setName("Toyota Camry").setPrice(25000.0).setModel("2022");

vehicles.add(vehicle1);

vehicles.add(vehicle2);

System.out.println("Student ID: ABC123");

for (Vehicle vehicle : vehicles) {

vehicle.display();

System.out.println("--------------------");

}

}

}

OUT PUT:

