**Lab 5 Assignment**

1. Design a class named Automobile that holds the vehicle identification number, make, model, and color of an automobile. Include methods to set the values for each data field, and include a method that displays all the values for each field. Create the class diagram and write the pseudocode that defines the class.

**Class Automobile**

**Declarations**

Num vehicleIdnumber

String vehicleMake

String vehicleModel

String vehicleColor

void setVehicleIdnumber(Vin : num)

VehicleIdnumber = Vin

return

void setVehicleMake(make : string)

VehicleMake = make

return

void setVehicleModel(model: string)

vehicleModel = model

return

void setVehicleColor(color: string)

vehicleColor = color

return

num getVehicleIdnumber()

return VehicleIdnumber

string getVehicleMake()

return VehicleMake

string getVehicleModel()

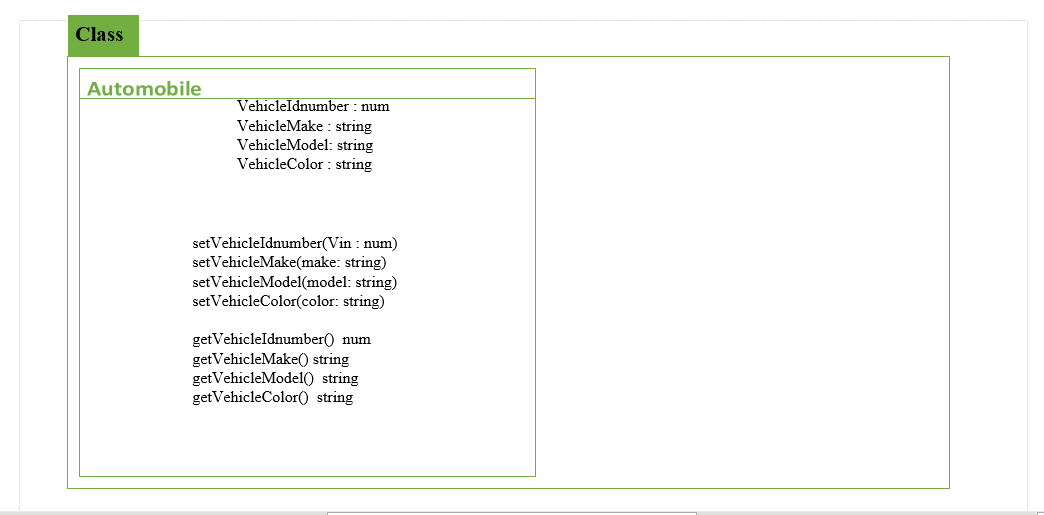
return VehicleModel

string getVehicleColor()

return VehicleColor

**endclass**

**Class Diagram**

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