

Privacy Legend:
+ public
- private
protected
~ package
* static
% abstract

Public abstract class Vehicle

String platenumber
String make
String model
int year

+vehicle(String make,String model,int year)
#void updatecehicleinfo(String make,String model,int year)
#%void Setplate()
+int getPlatenumber()
#String getMake()
#void setMake(String make)
#String getModel()
#void setModel(String model)
#int getYear()
#void setYear(int year)
+boolean equals(vehicle comp)

Public abstract class Electric Vehicle

#int maxrange

+electric_vehicle(String make, String model, int year,int maxrange)
+int getMaxrange()
+void setMaxrange(int maxrange)
+void updatecehicleinfo(String make,String model,int year, int Maxrange)

Public class electric_truck

-int maxcapacity
-*int numberofelectrictrucks

void setplate()
+ electric_truck()
+ electric_truck(String make,String model,int year, int Maxrange,int maxcapacity)
+ electric_truck(electric_truck copy)
+int getMaxcapacity()
+void setMaxcapacity(int maxcapacity)
+*int getNumberofelectrictrucks()
+void updatecehicleinfo(String make,String model,int year, int Maxrange, int maxcapacity)
+String toString()
+boolean equals(vehicle comp)

Public class electric_car

-*int numberofelectriccars

void setplate()
+ electric_car()
+ electric_car(String make, String model, int year,int maxrange)
+ electric_car(electric_car copy)
+*int getNumberofelectriccars()
+String toString()
+boolean equals(vehicle comp)

Public class Gas car

-int maxpassengers
-*int numberofgascars

void setplate()
+ gas_car()
+ gas_car(String make,String model,int year, int maxpassengers)
+ gas_car(gas_car copy)
+void updatecehicleinfo(String make,String model,int year, int Maxcpassengers)
+String toString()
+int getMaxpassenger()
+void setMaxpassenger(int maxpassengers)
+int getnumberofgascars()
+boolean equals(vehicle comp)

Public class Diesel truck

-int maxcapacity
-int fuelcapacity
-*int diesel_numberoftrucks

+void updatecehicleinfo(String make,String model,int year, int Maxcapacity,int fuelcapacity)
void setplate()
+diesel_truck()
+diesel_truck(String make, String model, int year, int maxcapacity, int fuelcapacity)
+diesel_truck(diesel_truck copy)
+int getMaxcapacity()
+void setMaxcapacity(int maxcapacity)
+int getFuelcapacity()
+void setFuelcapacity(int fuelcapacity)
+*int getNumberofdieseltrucks()
+boolean equals(vehicle comp)
+String toString()

Public abstract class management

-* client[] clientlist
-* vehicle[4][] vehiclestock

+*vehicle[][] getVehiclestock()
+*client[] getClientlist()
+* void printclients()
+*void printclientlist()
+*void printallvehicles()
+*void leasetoclient(client leaser,vehicle lease)
+*void returnlease(client leaser,vehicle lease)
+*void addclient(client toadd)
+*void removeclient(client toremove)
+*void addvehicle(gas_car toadd)
+*void addvehicle(diesel_truck toadd)
+*void addvehicle(electric_car toadd)
+*void addvehicle(electric_truck toadd)
+*void removevehicle(gas_car toremove)
+*void removevehicle(diesel_truck toremove)
+*void removevehicle(electric_car toremove)
+*void removevehicle(electric_truck toremove)
+*electric_truck[] copyvehicles(electric_truck[] tocopy)
+*diesel_truck getLargesttruck()
+*int getNumberofvehicles()

Public class client

-String name
-vehicle[][] vehiclestock

+client()
+client(String name)
+client(client copy)
+void setName(String name)
+String getName()
+String toString()
+*void addvehicle(gas_car toadd)
+*void addvehicle(diesel_truck toadd)
+*void addvehicle(electric_car toadd)
+*void addvehicle(electric_truck toadd)
+*void removevehicle(gas_car toremove)
+*void removevehicle(diesel_truck toremove)
+*void removevehicle(electric_car toremove)
+*void removevehicle(electric_truck toremove)
+void printallvehicles()