Package: adapter	Package: exception	Package: driver	Package: model	Package: model
BuildAuto Class	public class AutoException extends Exception	Public class Driver	public class Automobile implements Serializable	public class OptionSet implements Serializable
extends proxyAutomobile and implements CreateAuto, UpdateAuto, FixAuto	private int errorno	AutomobileLinkedHashMap LHM	private ArrayList<OptionSet> choice	private string name
	private String errormsg	FileIO Lab1	public String getOptionChoice(String name)	privatet ArrayList<Option> opt
CreateAuto Interface	public void WriteLog(String errormsg, int errno)	Automobile ZTW	public Integer getOptionChoicePrice(String name)	protected OptionSet()
public void BuildAuto(String filename)	public AutoException()	FileIO Lab1a	public int getTotoalPrice()	protected OptionSet(String name)
public void printAuto(String Modelname)	public AutoException(String errormsg)	Automobile ZTWa	public String getModel()	protected ArrayList<Option> getOpt()
	public AutoException(int errorno)	FileIO Lab1b	public void setMake(String make)	protected Sttring gettName()
UpdateAuto Interface	public AutoException(int errorno, Sttring errormsg)	Automobile ZTWb	public void setModel(String model)	protected void setName(String name)
public void updateOptionSetName(String Modelname, String OptionSetname, String newName);	public void printmyproblem()	Package: util	public void setOptionChoice(String setName,String optionName)	protected void setOpt(ArrayList)
public void updateOptionPrice(String Modelname, String Optionname, String Option, float	public String fix(int errno)	Public Class FileIO implements Serializable	private float baseprice	protected void print()
	public AutoException(int errno, String errormsg, int index,Automobil	private boolean DEBUG	privateArrayList<OptionSet> opset	
ProxyAutomobile abstract class	private Automobile a	private Automobile data	private boolean DEBUG	Protected class Option implements Serializable
private Automobile	private int index	private String Filename	public Automobile()	private String name
private Arraylist <OptionSet> opset	public int getErrno()	public FileIO(String filename)	public Automobile(String make, String model, float baseprice)	private float price
public ProxyAutomobile()	public void setErrno(int errorno)	public boolean isDEBUG()	public String getMake()	protected Option()
public ProxyAutomobile(String filename)	public String getErrormsg()	public void setDEBUG(boolean debug)	public float getBaseprice()	protected Option(String name, float price)
String filename	public void setErrormsg(String errormsg)	public Automobile getData()	public boolean isDEBUG()	protected String getName()
public void BuildAuto(String filename) throws AutoException	public Automobile getAuto()	public void setData(Automobile data)	public ArrayList<OptionSet> gettOpset()	protected float getPrice()
public String fix(AutoException e)	public void setAuto(Automobile a)	public Automobile buildAutoObject(Automobile data) Throws AutoExceptio	public OptionSet getOpset(int index)	protectted void setPrice(float price)
public void chooseOptions()	public int getIndex()	public String serializeFile(Automobile car)	public boolean inOpset(String name)	protected void setName(String name)
int counter	public void setIndex(int index)	public deserializeFile(Sttring filename)	public Option findOption(OptionSet o, String optionName)	protected void print()
boolean eof			public void setName(String name)	
public void printAuto(String Modelname)			public void setBasePrice(float baseprice)	Public class AutomobileLinkedHashMap
public void updateOptionSetName(String Modelname, String OptionSetname, String newName)			public void setDEBUG(boolean debug)	private Automobile Data
public void updateOptionPrice(String Modelname, String Optionname, String Option, float newprice)			public void setOpset(ArrayList<OptionSet> opset)	private String Key
public String serializeFile(Automobile car)			public void addOptionSet(String name)	private LinkedHashMap<String, Automobile> garage
public Automobile deserializeFile(String filename)			public void addOption(Sttring opsetName,String name, float price)	public AutomobileLinkedHashMap()
public void fix(int errorno)			public void deleteOption(int setIndex, int optIndex)	public AutomobileLinkedHashMap(Automobile data,String key)
FileIO buildObject(filename,a1)			public void deleteOptionSet(int index)	public LinkedHashMap<String,Automobile> getGarage()
FixAuto interface			public void updateOption(OptionSet o, Sttring currName, String newName,float newPri	public void addNewCar(String key,Automobile data)
public abstract String fix(AutoException e) throws AutoException			public void updateOptionset(Sttring currName, String newName)	public void deleteCar(String key)
			public void print()	public void updateCarData(String key, Automobile newData)
			public String getOptionName(int opsetIndex, int optionIndex)	public void print()
			public float getOptionPrice(int opsetIndex,int optionIndex)	
			public String getOptionSetName(int index)	