

Automobile

- brand = string
- name = string
- baseprice = float
- choice = ArrayList<Option>
- opset = ArrayList<OptionSet>

MODEL PACKAGE

```

+ getName(): string
+ getBasePrice(): float
+ getOptionSet(int): OptionSet
+ getBrand(): string
+ getOptionChoice(string): Option
+ getOptionChoicePrice(string): float
+ getTotalPrice(): float
+ findOption(OptionSet, string): int
+ findOptionSet(string): int
+ setOptionChoice(string, string): void
+ removeAuto(Automobile): void
+ addAuto(string, string, float, int): Automobile
+ print(): void
  
```

OptionSet

- choice = Option
- opt = ArrayList<Option>
- nameOfSet = string

```

# getChoice(): Option
# getOption(int): Option
# setOption(int, string, int): void
# setChoice(Option): Option
# - deleteOption(int): boolean
# - updateOption(int, string, float): void
# - findOption(string): int
# - print(int): void
  
```

Option

- nameOfOption = string
- price = float

```

# getPrice(): float
# getOptPrice(float): void
  
```

ReadSource

```

+ read(string): Automobile
+ building(Automobile, string, int, BufferedReader): Boolean
+ buildingOptions(Automobile, int, int, BufferedReader): Boolean
  
```

Proxy Automobile

- Car = LinkedHashMap<string, Automobile>

```

+ insertAuto(Automobile): void
+ findAuto(string): Automobile
+ setChoice(string, string, string): void
+ BuildAuto(string): void
+ printAuto(string, string): void
  
```

Internal

Extended Methods.
Implement Methods (Interface)
Extended Class.
Related Methods

External

ADAPTER PACKAGE

```

CreateAuto
+ buildAuto(string): void
+ printAuto(string, string): void

UpdateAuto
+ updateOptionName(string, string, string): void
+ updateOptionPrice(string, string, string, string, float): void
  
```

DRIVER

```

Driver
+ main(string[]) = void
  
```

