

```
public class FordWagonZTW
{

}

public class Model {
    String modelname;
    OptionSet a1 []; //Color

    //a1 = new OptionSet(x);
}
Model FWZTW = new Model();

//Model has Options
public class OptionSet {
    String name;
    Option opt[];
}

public class Option {
    String name;
    float price;
}
```

Each Option has a set of values.

Model contains OptionSet
OptionSet contains Options

- Array of Arrays
- ArrayIndexOutOfBoundsException
- NPE

```
if(obj!=null)
    //then try to access it.
```

Model contains OptionSet
OptionSet contains Option

- curveball -

all properties will be private.
methods in Option and OptionSet will be protected.

creation of a component - group of classes with access from a single outermost object -
Model -->

Encapsulation at component level -

