

```
package com.memento.theory;

import java.util.ArrayList;
import java.util.HashMap;

public class Client {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        Originator originator = new Originator();
        Caretaker caretaker = new Caretaker();

        originator.setState(" 状态#1 攻击力 100 ");

        //保存了当前的状态
        caretaker.add(originator.saveStateMemento());

        originator.setState(" 状态#2 攻击力 80 ");

        caretaker.add(originator.saveStateMemento());

        originator.setState(" 状态#3 攻击力 50 ");
        caretaker.add(originator.saveStateMemento());


        System.out.println("当前的状态是 =" + originator.getState());

        //希望得到状态 1, 将 originator 恢复到状态1

        originator.getStateFromMemento(caretaker.get(0));
        System.out.println("恢复到状态1 , 当前的状态是");
        System.out.println("当前的状态是 =" + originator.getState());

    }

}
```