

CECS 277 - Memento Pattern – MementoPatternDemo.java

CECS 277 - Memento Pattern src MementoPatternDemo

Project

- CECS 277 - Memento Pattern ~/Desktop/CECS 2
 - .idea
 - out
 - src
 - CECS 277 - Memento Pattern.iml
 - External Libraries
 - Scratches and Consoles

Calculator.java CalculationCareTaker.java MementoCalculator.java MementoPatternDemo.java

```
9      int num1 = 2;
10     int num2 = 3;
11     cal.setTwoNumbers(num1, num2);
12     careTaker.add(cal.backUpLastCalculation());
13
14     num1 = 5;
15     num2 = 6;
16     cal.setTwoNumbers(num1, num2);
17     careTaker.add(cal.backUpLastCalculation());
18
19     MementoCalculator mem = careTaker.get(0);
20     cal.restorePreviousCalculator(mem);
21     System.out.println(mem.getNum1() + " + " + mem.getNum2() + " = " + cal.addTwoNumbers());
22
23     mem = careTaker.get(1);
24     cal.restorePreviousCalculator(mem);
25     System.out.println(mem.getNum1() + " + " + mem.getNum2() + " = " + cal.addTwoNumbers());
26 }
27
28 }
```

Run: MementoPatternDemo

```
/Library/Java/JavaVirtualMachines/1.6.0.jdk/Contents/Home/bin/java ...
2 + 3 = 5
5 + 6 = 11
|
Process finished with exit code 0
```

4: Run Terminal 6: TODO

Event Log 4:1 LF UTF-8 4 spaces