```java
 1 package main;
 2
 3 import main.metamodel.Transition;
 4 import main.metamodel.Machine;
 5 import main.metamodel.State;
 6
 7 public class MachineInterpreter {
 8
 9     private Machine machine;
10     private State currentState;
11
12     public void run(Machine m) {
13         // TODO Auto-generated method stub
14         this.machine = m;
15         currentState = m.getInitialState();
16     }
17
18     public State getCurrentState() {
19         // TODO Auto-generated method stub
20         return currentState;
21         //return null;
22     }
23
24     public void processEvent(String string) {
25         // TODO Auto-generated method stub
26         for (Transition t: currentState.getTransitions()) {
27             if (t.getEvent().equals(string)) {
28                 //t.effect();
29                 currentState = t.getTarget();
30                 return;
31             }
32         }
33         System.err.println("Unhandled event " + string);
34
35     }
36
37     public int getInteger(String string) {
38         // TODO Auto-generated method stub
39         return 0;
40     }
41
42 }
43
```