

```
1 package main.metamodel;
2
3 import java.util.ArrayList;
4
5
6
7 public class Machine {
8
9     private List<State> states = new ArrayList<State>();
10    private State initialState;
11    private List<String> integers = new ArrayList<String>();
12
13    public Machine(Collection<State> states, State initialState,
14        Collection<String> integers) {
15        super();
16        this.integers.addAll(integers);
17        this.states.addAll(states);
18        this.initialState = initialState;
19    }
20
21    public List<State> getStates() {
22        // TODO Auto-generated method stub
23        return states;
24        //return null;
25    }
26
27    public State getInitialState() {
28        // TODO Auto-generated method stub
29        return initialState;
30        //return null;
31    }
32
33    public State getState(String string) {
34        // TODO Auto-generated method stub
35        for (State state : states) {
36            if (state.getName().equals(string)) {
37                return state;
38            }
39        }
40        return null;
41    }
42
43    public int numberOfIntegers() {
44        // TODO Auto-generated method stub
45        return integers.size();
46    }
47
48    public boolean hasInteger(String string) {
49        // TODO Auto-generated method stub
50        for (String str: integers) {
51            if (str.equals(string)) {
```

```
52         return true;
53     }
54 }
55     return false;
56 }
57 }
58
```