The public test of Task 3 is:
```cpp
vector<TuringMachineState> vec;
vec.push_back(TuringMachineState(1,2,3,4,"->"));
vec.push_back(TuringMachineState(2,1,7,8,"<-"));
vec.push_back(TuringMachineState(2,1,3,4,"->"));
vec.push_back(TuringMachineState(1,1,10,10,"<-"));
testAll(vec);
```

where
```cpp
void testAll(vector<TuringMachineState> vec) {
    for (auto s: vec) {
        for (auto t:vec) {
            cout << (s<t)<<(s>t)<<(s==t)<<endl;
        }
    }
}
```
(i.e. the program tests each pair of the added TuringMachineStates with <, > and ==)

The program does not need input.

The expected output is:
001
100
100
010
010
001
001
010
010
001
001
010
100
100
100
001