

```
1 public class SafeBooleanMRSWRegister implements Register<Boolean> {
2     boolean[] s_table; // array of safe SRSW registers
3     public SafeBooleanMRSWRegister(int capacity) {
4         s_table = new boolean[capacity];
5     }
6     public Boolean read() {
7         return s_table[ThreadID.get()];
8     }
9     public void write(Boolean x) {
10        for (int i = 0; i < s_table.length; i++)
11            s_table[i] = x;
12    }
13 }
```

FIGURE 4.6 The SafeBooleanMRSWRegister class: a safe Boolean MRSW register.