

```

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.