

```
1  class WriteOnceRegister implements Register{
2      private SafeMRSWRegister[] s = new SafeMRSWRegister[3];
3
4      public void write(int x) {
5          s[0].write(x);
6          s[1].write(x);
7          s[2].write(x);
8      }
9      public int read() {
10         v2 = s[2].read()
11         v1 = s[1].read()
12         v0 = s[0].read()
13         if (v0 == v1) return v0;
14         else if (v1 == v2) return v1;
15         else return v0;
16     }
17 }
```

FIGURE 4.23 Write-once register.