

```
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.