setData method getData method

1 **if**(writeable == **true**) 1 **if**(readable == **true**)

2 { 2 {

3 **//write the buffer's data member** 3 writeable = **true**;

4 writeable = **false**; 4 readable = **false**;

5 readable = **true**; 5 **//return buffer's data member**

6 } 6 }

**Figure 14.18 The first two Producer Consumer synchronization criteria.**