1 **public** **class** BufferDemo

2 {

3 **public** **static** **void** main(String[] args)

4 {

5 **private** Buffer aBuffer = **new** Buffer();

6 **private** **int** dataItem;

7

8 **for**(**int** i = 1; i <= 3; i++)

9 {

10 aBuffer.setData(i); **//produce a data item**

11 System.out.println("Produced " + i);

12

13 dataItem = aBuffer.getData(); **//consume a data item**

14 System.out.println("Consumed " + dataItem);

15 }

16 }

17 }

**Figure 14.10 The application BufferDemo.**