(a)

(b)

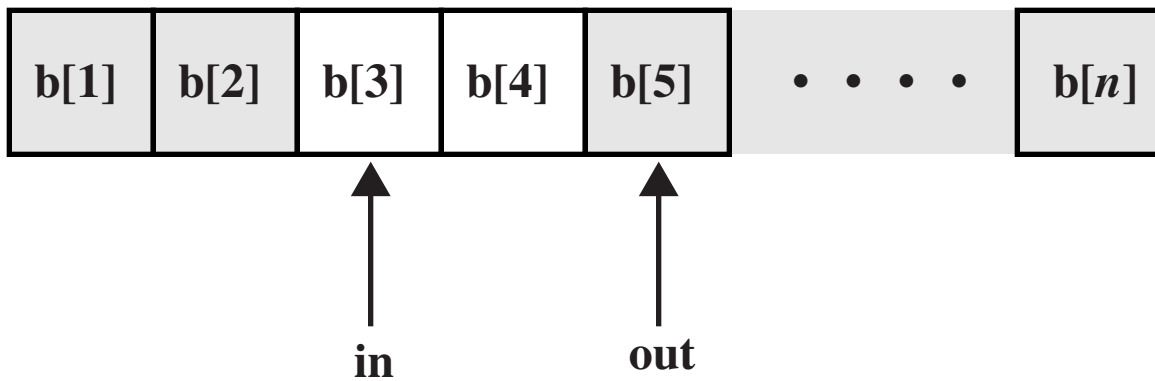**Figure 5.15   Finite Circular Buffer for the Producer/Consumer Problem**