1 **public static long** factIterative(**int** n)

2 {

3 **long** nFact = 1;

4 **for**(**int** i = n; i >= 1; i--)

5 {

6 nFact = nFact \* i;

7 }

8 **return** nFact;

9 }

**Figure 9.13 An iterative method that calculates n!.**