1 **public long** fact(**int** n)

2 {

3 **long** nMinus1Factorial

4 **if**(n == 0) **//Flow chart symbol 2**

5 {

6 **return** 1; **//Flow chart symbols 3 and 4**

7 }

8 **else**

9 {

10 nMinus1Factorial = fact(n-1); **//Flow chart symbol 5**

11 nFact – n \* nMinus1Factorial; **//Flow chart symbol 6**

12 **return** nFact; **//Flow chart symbols 7 and 8**

13 }

14 }

**Figure 9.7 A recursive method that calculates n! commented to correlate it to the algorithm presented in Figure 9.6.**