f7

f3

f4

f5

f6

8

0

1

1

2

3

5

2

3

5

8

5

3

2

1

0

…

[6]

[2]

[1]

[3]

[0]

[4]

[5]

[n+1]

data

invoking method

13

returned value

stored value

recursive invocation

fetched value

f2

f1

1

1

**Figure 9.19 The *seven* invocations required to compute the 7th term of the Fibonacci sequence recursively with dynamic programming.**