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 seventh term of the Fibonacci sequence recursively using dynamic programming.**