1. decision maker	**2.** infinite loop
3. loop control variable	**4.** counter-controlled while loop
5. flag-controlled while loop	**6.** A flag variable
7. end-of-file (EOF)-controlled while loop	**8.** Fibonacci number
9. Fibonacci sequence	**10.** for loop

2. a loop that continues to execute endlessly	**1.** an expression in an if statement, which determines whether to execute the statement that follows it
4. a while loop that is used when you know how many items of data are to be read; the loop will continue until the condition designated by the counter is met or evaluates to false	**3.** a variable that controls the end of the loop
6. a Boolean variable used to control the execution of a while loop	**5.** uses a Boolean variable to control the execution of the loop
8. a number in the Fibonacci sequence	**7.** a while loop that stops when it reaches the end of the input file
10. used to simplify the writing of counter-controlled loops; consists of an initialization statement, the loop condition, and the update statement	**9.** a n = a n-1 + a n-2

11. nesting	**12.** divisor

12. suppose that *m* and *n* are integers and *m* is nonzero. Then *m* is called a divisor of *n* if n=mt for some integer *t*; that is, when *m* divides *n*, the remainder is 0	**11.** a process that involves putting one control structure inside another