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// Start the process

SET wordToFind TO "logic"

PRINT "Looking up the word: logic"


// Open the dictionary to a random page

SET currentPage TO randomPage()


// Loop until the word is found

WHILE currentPage DOES NOT CONTAIN wordToFind

    IF currentPageWord IS ALPHABETICALLY BEFORE wordToFind THEN

        PRINT "Flip forward"

        currentPage = flipForward()

    ELSE

        PRINT "Flip backward"

        currentPage = flipBackward()

    END IF

END WHILE


PRINT "Found the word: logic on the page."
```