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SET libraryBooks TO
    {"Harry Potter", "The Little Prince", "The Hobbit", "The Da Vinci Code", "The Alchemist", "The
    Three Musketeers", "Death on the Nile", "The Hound of the Baskervilles", "The Lost World",
    "Journey to the Center of the Earth"}

SET totalBooks TO
    {10, 5, 4, 3, 6, 8, 0, 8, 3, 9}

FOR index FROM 0 TO 9 DO
    PRINT library[index] + "has" + totalBooks[index] + "units"
END FOR

Read userInput

SET bookFound TO true
SET index TO 0

WHILE index IS LESS THAN 10 AND bookFound IS true)
    IF libraryBooks[index] IS EQUAL TO userInput THEN
        IF totalBooks[index] IS GREATER THAN 0 THEN
            DECREMENT totalBooks[index] BY 1
            Print "You have taken the book!"
        ELSE
            Print "Book has no units currently!"
            bookFound IS false;
        INCREMENT index BY 1
    END WHILE
IF bookFound IS true THEN
    Print "We don't have this book!"

```