START

// Step 1: Initialize parallel arrays for products and prices

DECLARE array add\_ins = ["Whipped cream", "Cinnamon", "Chocolate sauce", "Amaretto", "Irish whiskey"]

DECLARE array prices = [0.89, 0.25, 0.59, 1.50, 1.75]

// Step 2: Initialize variables

DECLARE total\_price = 2.00 // Base price for a cup of coffee

DECLARE sentinel = "STOP" // Sentinel value to end input

DECLARE user\_input = ""

// Step 3: Prompt the user for add-ins until sentinel value is entered

PRINT "Welcome to Jumpin' Jive Coffee Shop!"

PRINT "Enter the add-ins you want, or type 'STOP' to finish your order."

WHILE user\_input != sentinel DO

PRINT "Enter an add-in: "

INPUT user\_input

// Check if user entered the sentinel value

IF user\_input == sentinel THEN

BREAK

END IF

// Step 4: Search for the add-in in the array

DECLARE found = false

FOR i FROM 0 TO LENGTH(add\_ins) - 1 DO

IF add\_ins[i] == user\_input THEN

total\_price = total\_price + prices[i]

PRINT user\_input + " costs $" + prices[i]

found = true

BREAK

END IF

END FOR

// If add-in not found

IF found == false THEN

PRINT "Sorry, we do not carry that."

END IF

END WHILE

// Step 5: Display the total price

PRINT "Your total price is: $" + total\_price

END