#!/bin/bash

# Prompt user to enter the number of elements

echo "Enter the number of elements in the array:"

read n

# Initialize an empty array

declare -a array

# Read elements from the user

echo "Enter the elements of the array:"

for ((i = 0; i < n; i++)); do

read array[i]

done

# Initialize sum

sum=0

# Calculate sum of array elements

for ((i = 0; i < n; i++)); do

(( sum += ${array[i]} ))

done

# Print the sum

echo "Sum of array elements: $sum"