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**PROBLEM STATEMENT:**

Write a BASH shell script to find sum of all elements of a given array.

**OBJECTIVE:**

To find sum of all elements of a given array.

**SHELL SCRIPT:**

echo "Shell script to find sum of all elements of a given array."

echo "Enter the size of array: "

read n

echo "Enter the elements:"

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

read arr[$i]

done

sum=0

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

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

done

echo "Sum of all elements in the array is: $sum"