Write a program to show sum of interger adds to zero

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$ cat bash arraysum.sh

cat: bash: No such file or directory

declare -a array=(+1 -1 0)

tot=0

for i in ${array[@]};

do

let tot+=$i

done

echo "total: $tot"

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$ bash arraysum.sh

total: 0

Write a program in the following steps

a. Generates 10 Random 3 Digit number.

b. Store this random numbers into a array.

c. Then find the 2nd largest and the 2nd smallest element without sorting the array.

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$ cat bash abc.sh

cat: bash: No such file or directory

declare -a number=("100" "200" "300" "400" "500" "600" "700" "800" "900" "999")

for elements in ${number[@]}

do

echo $elements

done

echo "second largest element is :"

echo ${number[9]}

echo " second smallest element is :"

echo ${number[2]}

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$ bash -x abc.sh

+ number=("100" "200" "300" "400" "500" "600" "700" "800" "900" "999")

+ declare -a number

+ for elements in ${number[@]}

+ echo 100

100

+ for elements in ${number[@]}

+ echo 200

200

+ for elements in ${number[@]}

+ echo 300

300

+ for elements in ${number[@]}

+ echo 400

400

+ for elements in ${number[@]}

+ echo 500

500

+ for elements in ${number[@]}

+ echo 600

600

+ for elements in ${number[@]}

+ echo 700

700

+ for elements in ${number[@]}

+ echo 800

800

+ for elements in ${number[@]}

+ echo 900

900

+ for elements in ${number[@]}

+ echo 999

999

+ echo 'second largest element is :'

second largest element is :

+ echo 999

999

+ echo ' second smallest element is :'

second smallest element is :

+ echo 300

300

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$ bash abc.sh

100

200

300

400

500

600

700

800

900

999

second largest element is :

999

second smallest element is :

300