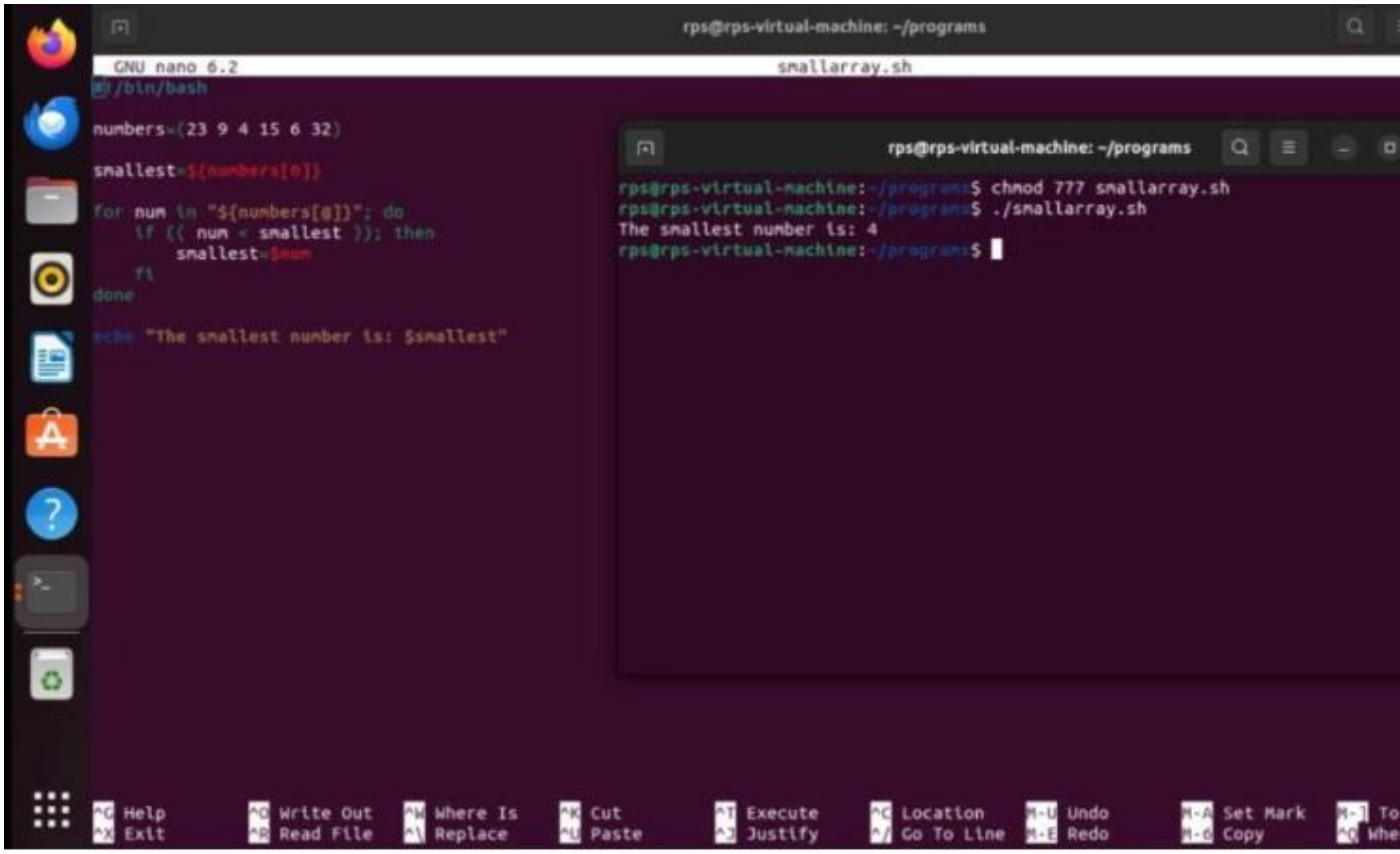
find the smallest number ***from*** the array.

```
#!/bin/bash
read -a integers
biggest=${integers[0]}
smallest=${integers[0]}

for i in "${integers[@]}"; do
    if [[ "$i" -gt "$biggest" ]]; then
        biggest="$i"
    fi
    if [[ "$i" -lt "$smallest" ]]; then
        smallest="$i"
    fi
done

echo "The largest number is $biggest"
echo "The smallest number is $smallest"
```

Output: the smallest number


rps@rps-virtual-machine: ~/programs
GNU nano 6.2
smallarray.sh
#!/bin/bash
numbers=(23 9 4 15 6 32)
smallest=${numbers[0]}
for num in "${numbers[@]}"; do
if ((num < smallest)); then
smallest=$num
fi
done
echo "The smallest number is: $smallest"
rps@rps-virtual-machine: ~/programs
rps@rps-virtual-machine:~/programs$ chmod 777 smallarray.sh
rps@rps-virtual-machine:~/programs$ ./smallarray.sh
The smallest number is: 4
rps@rps-virtual-machine:~/programs$
^G Help
^X Exit
^O Write Out
^R Read File
^W Where Is
^\ Replace
^K Cut
^U Paste
^T Execute
^J Justify
^C Location
^/ Go To Line
M-U Undo
M-E Redo
M-A Set Mark
M-6 Copy