

ASSIGNMENT - 4

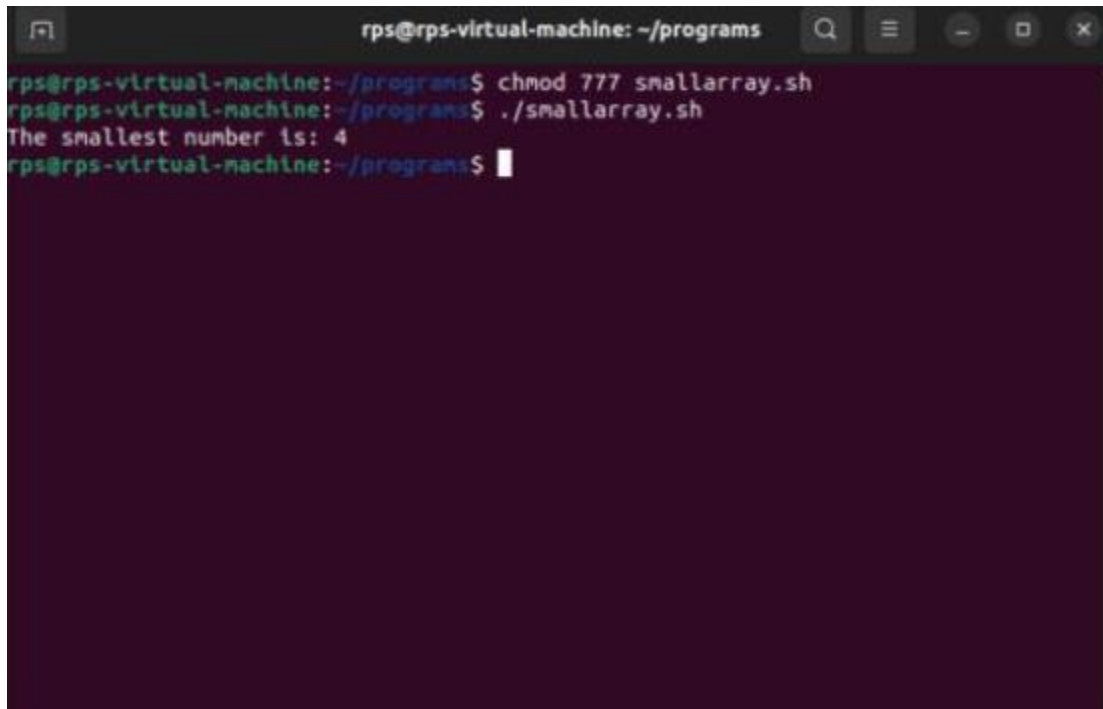
Find the Smallest Number from the Array

Script:

```
#!/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"
```

Sample output:

The smallest number is: 4

A terminal window with a dark background and light-colored text. The window title is 'rps@rps-virtual-machine: ~/programs'. The terminal shows the following commands and output: 'chmod 777 smallarray.sh', './smallarray.sh', and 'The smallest number is: 4'. The prompt 'rps@rps-virtual-machine:~/programs\$' is visible at the end of each line.

```
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$
```