

```
# Shell Program to Sort an Array

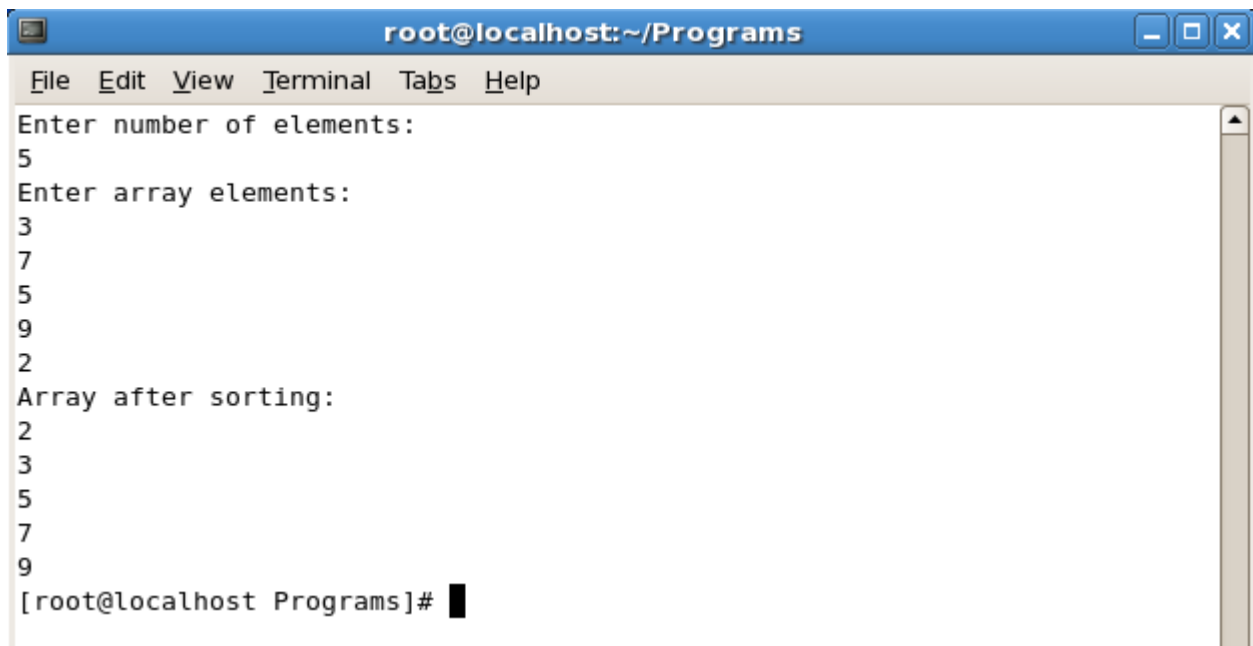
clear

echo "Enter number of elements: "
read n

echo "Enter array elements: "
for ((i=0; i<n; i++))
do
    read a[$i]
done

for ((i=0; i<n; i++))
do
    for ((j=$i; j<n; j++))
    do
        if [ ${a[$i]} -gt ${a[$j]} ]
        then
            temp=${a[$i]}
            a[$i]=${a[$j]}
            a[$j]=$temp
        fi
    done
done

echo "Array after sorting: "
for ((i=0; i<n; i++))
do
    echo ${a[$i]}
done
```

**Output:**

```
root@localhost:~/Programs
File Edit View Terminal Tabs Help
Enter number of elements:
5
Enter array elements:
3
7
5
9
2
Array after sorting:
2
3
5
7
9
[root@localhost Programs]#
```

The image shows a terminal window titled "root@localhost:~/Programs". The window contains the following text: "Enter number of elements:", "5", "Enter array elements:", "3", "7", "5", "9", "2", "Array after sorting:", "2", "3", "5", "7", "9", and "[root@localhost Programs]#". A large, light gray watermark "www.eazynote.com" is overlaid diagonally across the page.