

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
```

To run the above program type the following command

\$ bash <filename>

\$ bash abc

W3Professors.com