**PROGRAM**

echo "Enter The No Of elements"

read n

echo "Enter The Array Elements"

for((i=0;i<n;i++))

do

read a[$i]

done

echo " "

echo "Entered Elements Are : "

for((i=0;i<n;i++))

do

echo –n ${a[$i]}

echo –n " "

done

echo "Sorted Elements Are : "

for((i=0;i<n;i++))

do

for((j=` expr $i + 1`;j<n;j++))

do

if [ ${a[$i]} -gt ${a[$j]} ]; then

temp=${a[$i]}

a[$i]=${a[$j]}

a[$j]=$temp

fi

done

done

for((i=0;i<n;i++))

do

echo –n ${a[$i]}

echo –n " "

done

**OUTPUT**

**student30@student30-Vostro-270s:~/Desktop/VANISHA46$ chmod 755 sortshell.sh**

**student30@student30-Vostro-270s:~/Desktop/VANISHA46$ ./sortshell.sh**

Enter The No Of elements

5

Enter The Array Elements

10

2

7

15

4

Entered Elements Are : 10 2 7 15 4

Sorted Elements Are : 2 4 7 10 15