**BUBBLE SORT PROGRAM**

# Sorting the array in Bash

# using Bubble sort

# Static input of Array

arr=(11 54 22 7 19 9 10)

echo "Array in original order"

echo ${arr[\*]}

len="${#Num[@]}"

# Performing Bubble sort

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

do

for((j = 0; j<len-i-1; j++))

do

if [ ${arr[j]} -gt ${arr[$((j+1))]} ]

then

# swap

temp=${arr[j]}

arr[$j]=${arr[$((j+1))]}

arr[$((j+1))]=$temp

fi

done

done

echo "Array in sorted order :"

echo ${arr[\*]}

-----------+++-----------

**OUTPUT :**

