#!/bin/bash

# Array of numbers

numbers=(9 5 2 7 1)

# Function to perform bubble sort

bubble\_sort() {

local arr=("$@")

local len=${#arr[@]}

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

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

if ((arr[j] > arr[j + 1])); then

# Swap the elements

temp=${arr[j]}

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

arr[j + 1]=$temp

fi

done

done

echo "Sorted Array: ${arr[@]}"

}

# Call the bubble sort function

bubble\_sort "${numbers[@]}"