Q.14>>Write a python programme for implementation of bubble sort.

```python
#bubble sort asending and desending
def bubble_sort_a(list):
    for i in range(0,len(list)-1):
        for j in range(0,len(list)-1):
            if(list[j]>list[j+1]):
                temp = list[j]
                list[j] = list[j+1]
                list[j+1] = temp
    return list
def bubble_sort_d(list):
    for i in range(0,len(list)-1):
        for j in range(0,len(list)-1):
            if(list[j]<list[j+1]):
                temp = list[j]
                list[j] = list[j+1]
                list[j+1] = temp
    return list
list = [5, 3, 8, 6, 7, 2]
print("The unsorted list is: ", list)
print("The sorted list is(asending): ", bubble_sort_a(list))
print("The sorted list is(desending): ",
bubble_sort_d(list))
```