

Q.28) Write a Python program to read a list of numbers and sort the list in a nondecreasing order without using any built in functions. Separate function should be written to sort the list wherein the name of the list is passed as the parameter.

```
def sorting(arr):  
    N = len(arr)  
    for i in range(n):  
        for j in range(0, N - i - 1):  
            if arr[j] > arr[j + 1]:  
                arr[j], arr[j + 1] = arr[j + 1], arr[j]
```

```
def list():
```

```
    Numbers = list(map(int, input("Enter numbers separated by space: ").split()))
```

```
    sorting(Numbers)
```

```
    print("Sorted List:", Numbers)
```

```
list()
```