Count sort

```python
def countSort(arr):

    output = [0 for i in range(len(arr))]

    count = [0 for i in range(256)]

    ans = ["" for _ in arr]
    for i in arr:
        count[ord(i)] += 1

    for i in range(256):
        count[i] += count[i-1]

    for i in range(len(arr)):
        output[count[ord(arr[i])]-1] = arr[i]
        count[ord(arr[i])] -= 1

    for i in range(len(arr)):
        ans[i] = output[i]
    return ans

arr = "geeksforgeeks"
ans = countSort(arr)
print("Sorted character array is % s" %("".join(ans)))
```