```
# Scenario 1: Library Book Sorting
def insertionSort(book):
    for i in range(1, len(book)):
        bookOrder = book[i]  # Para ito kunin ang book title para ilagay sa
correct place niya.
        j = i - 1
        # Yung buong chunk na code dito is para hanapin yung tamang place
ng mga book titles.
        while j >= 0 and bookOrder < book[j]:
            book[j + 1] = book[j]  # Ilipat ang book title sa right if hindi siya yung
dapat na sa first.
            j -= 1
        book[j + 1] = bookOrder  # Here para iplace na yung book title sa
correct position niya.
    return book

book_titles = [
    .....
]

insertionSort(book_titles)
print("Sorted Book Titles:", book_titles)
```

```
# Scenario 2: Restaurant Order Priority
def selectionSort(priority):
    for i in range(len(priority)):  # Mag-loop sa lahat ng orders
        order = i  # Mag initialize ng value like mag assume ng pinakamaliit na value para sa
order.
        for j in range(i + 1, len(priority)):  # Purpose nito is para maghanap ng mas maliit na
priority.
            '''Sinasabi sa condition na to ay kung mas maliit daw ang priority[j][1], i-update ang
order para sa bagong
            pinakamaliit na priority tapos iswap nya ang current na pinakamaliit.'''
            if priority[order][1] > priority[j][1]:
                order = j
        priority[i], priority[order] = priority[order], priority[i]
    return priority

orders = [
.....
]

selectionSort(orders)
print("Sorted Orders by Priority:", orders)
```

```
def bubble_sort(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]  # Swap
    return arr

sorted_books_bubble = bubble_sort(book_titles.copy())
print(sorted_books_bubble)
```