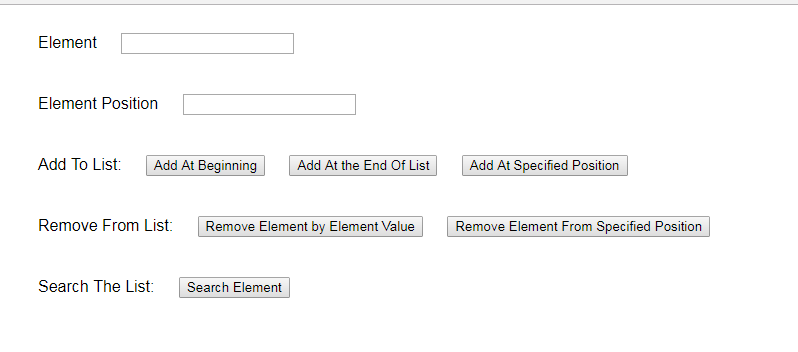
**Assignment 1: Singly Linked List**

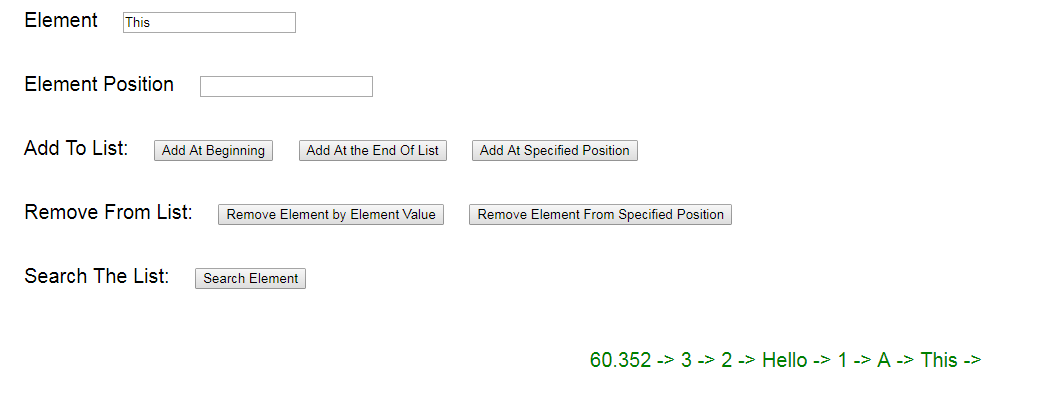
1. UI



2. Add at beginning

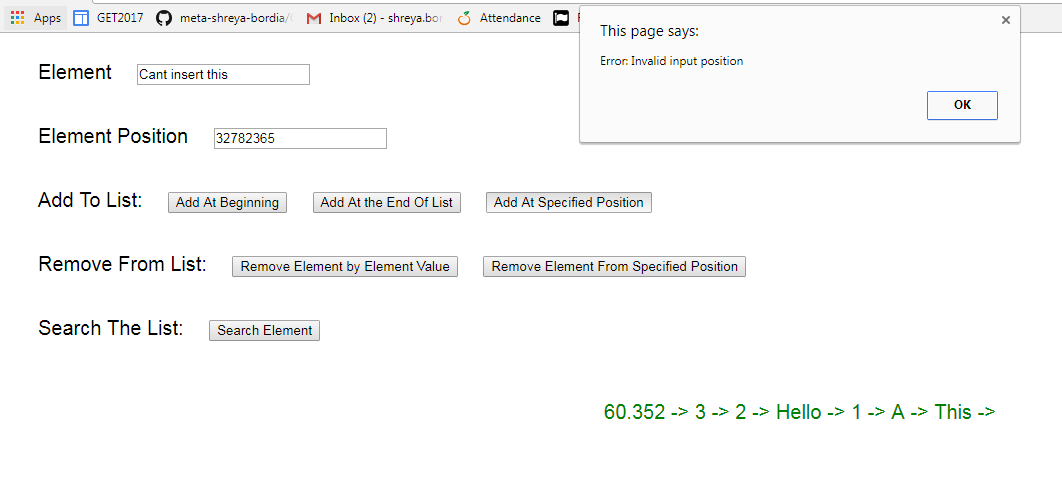


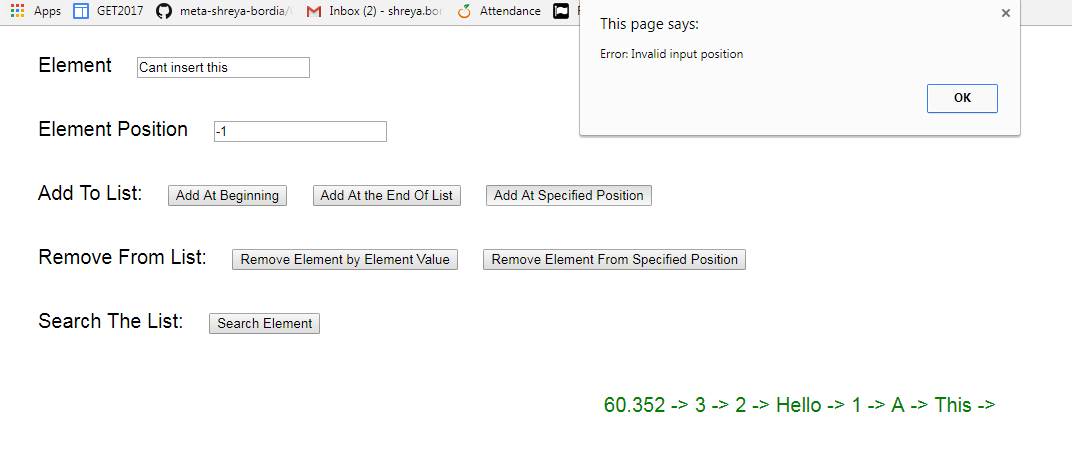
3. Add at end of list



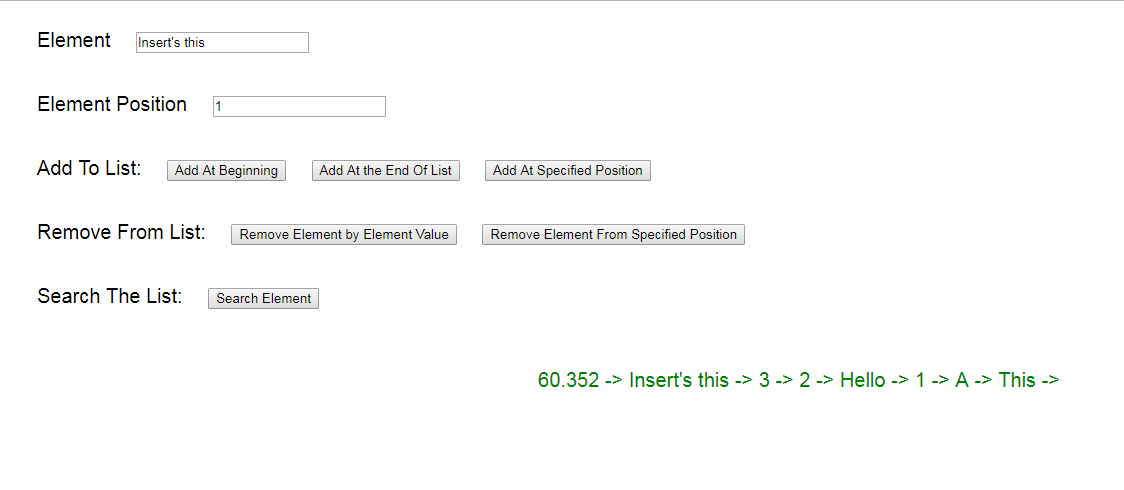
3. Add at specified position in list

i. Invalid entry



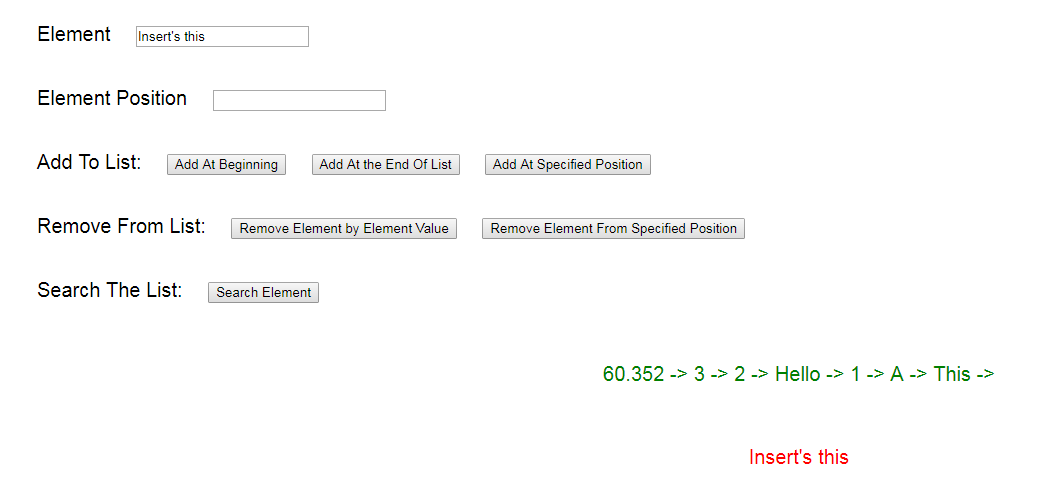


ii. valid entry

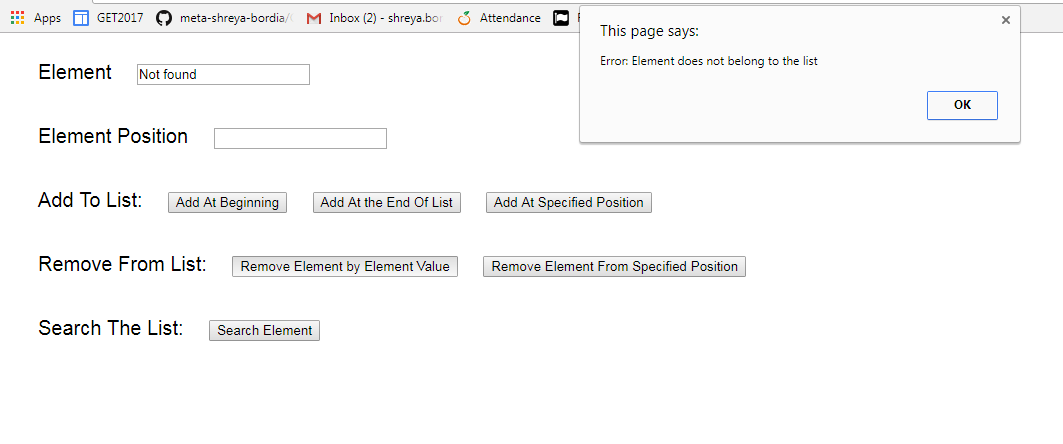


3. Remove element by value

i. When element exists in the list

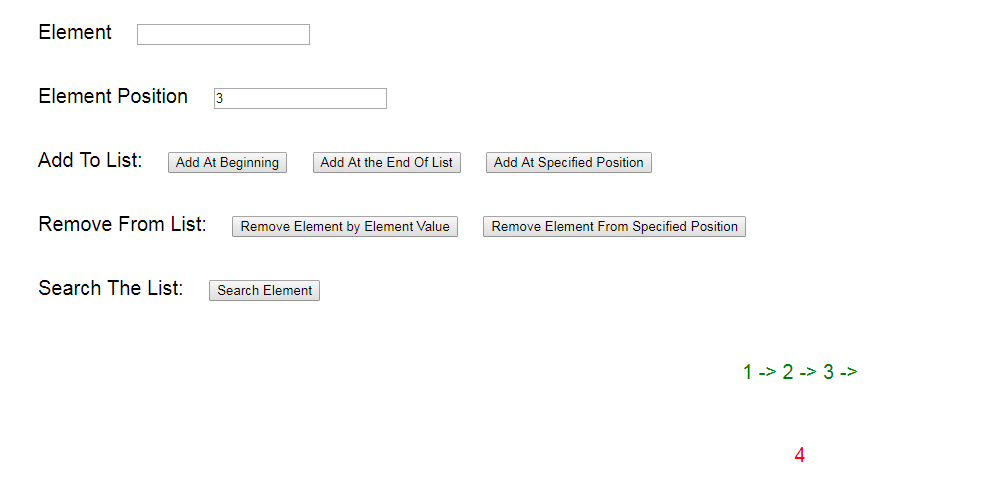


ii. When element does not exist in list

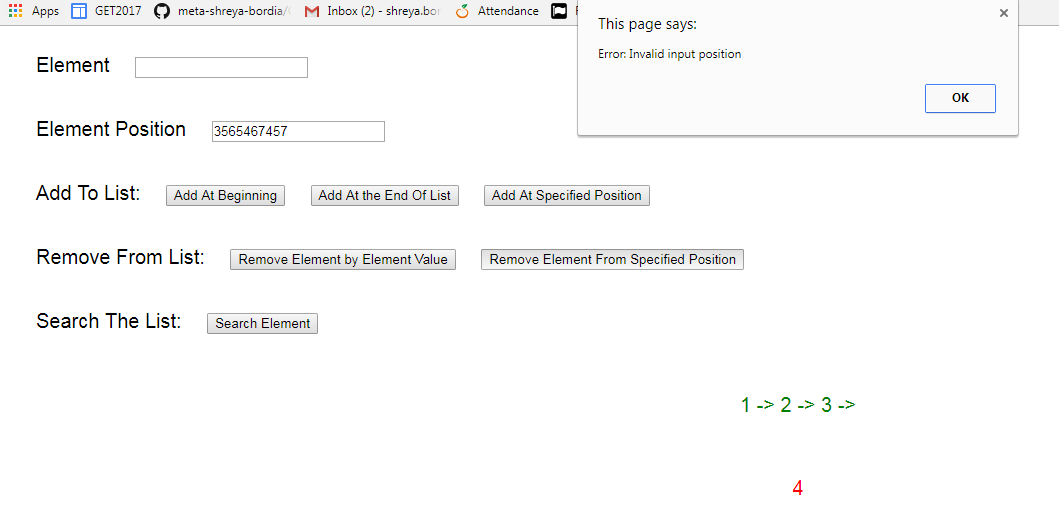


5. Remove element from the specified position

i. Valid position

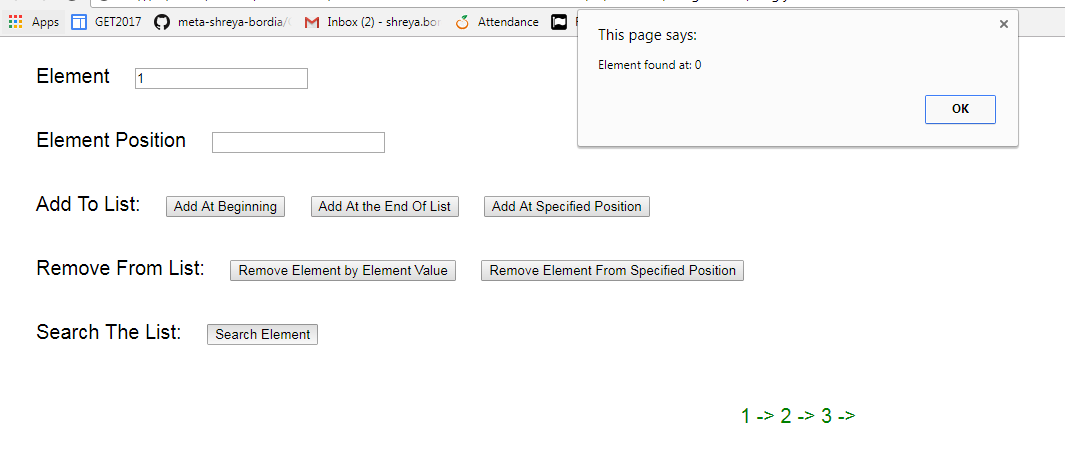


ii. Invalid position

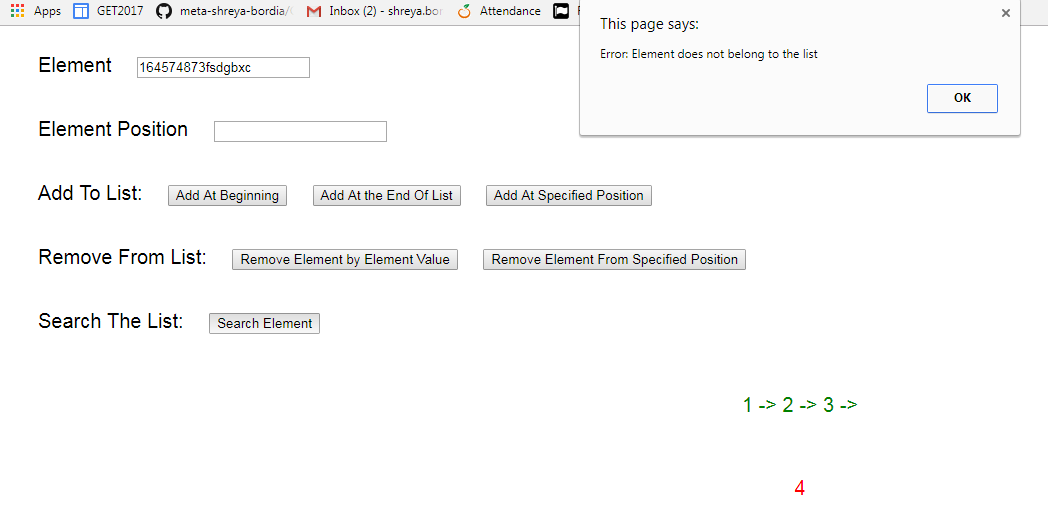


6. Search an element in the list

i. When element belongs to the list

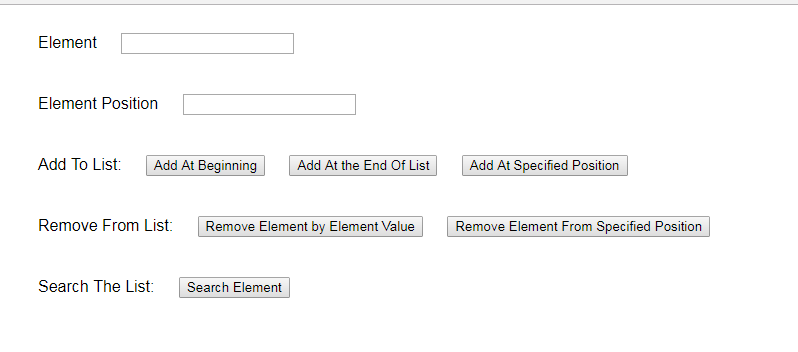


ii. When element does not belong in the list



**Assignment 1: Doubly Linked List**

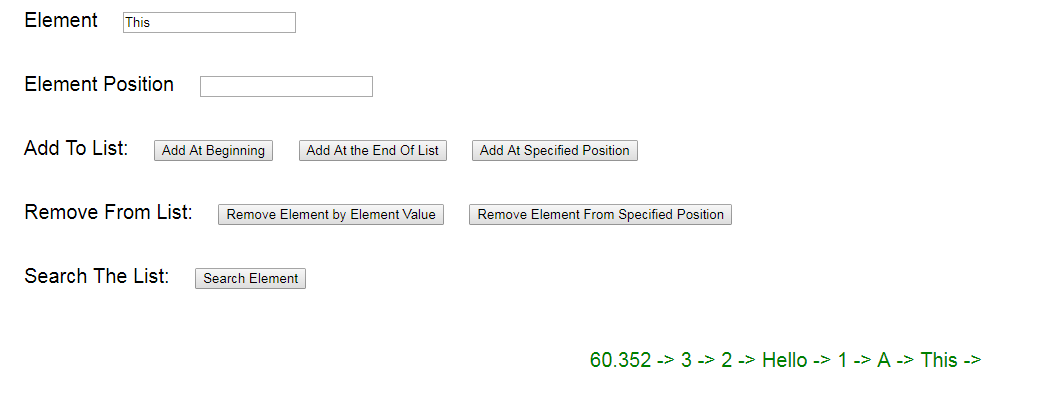
1. UI



2. Add at beginning

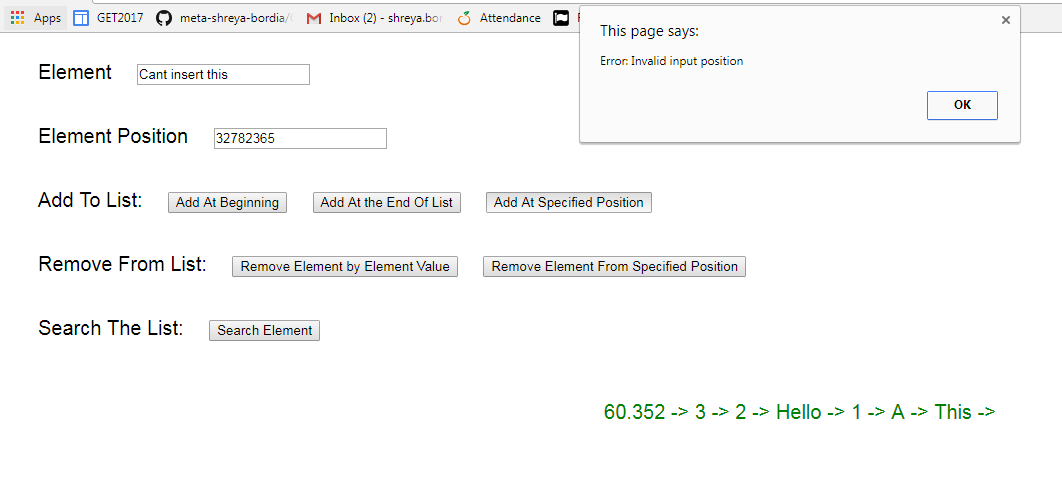


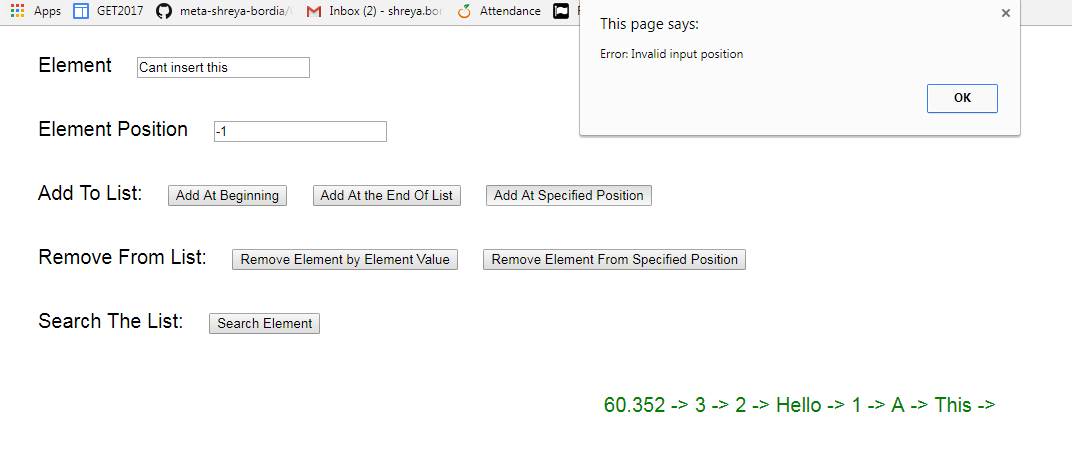
3. Add at end of list



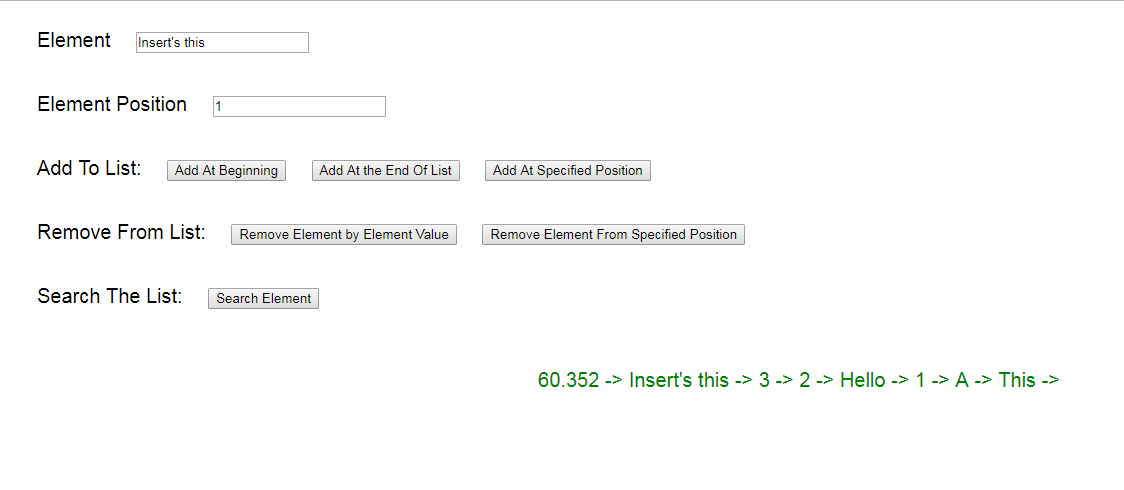
3. Add at specified position in list

i. Invalid entry



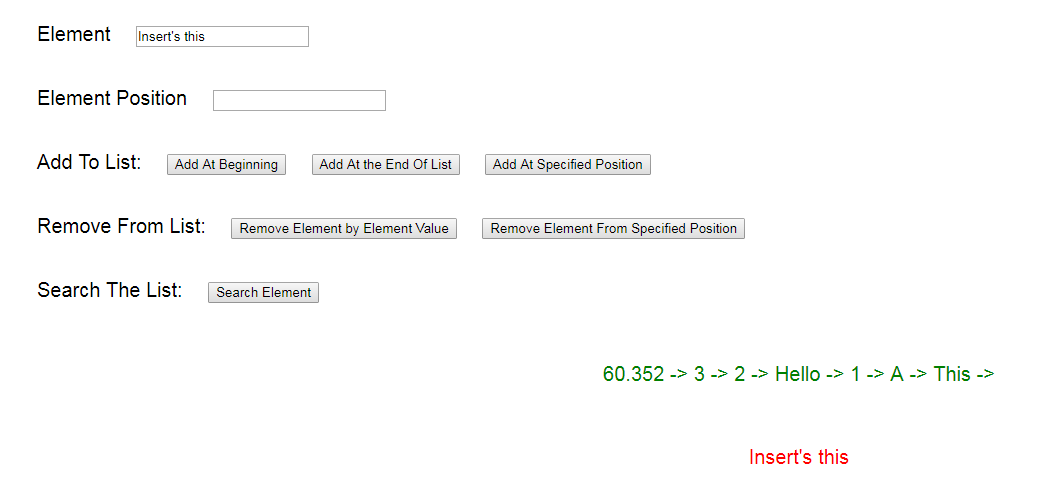


ii. valid entry

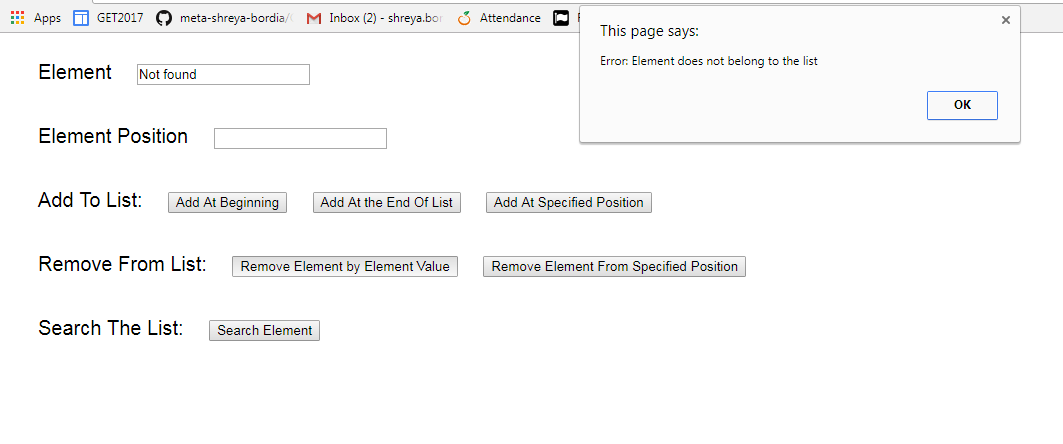


3. Remove element by value

i. When element exists in the list

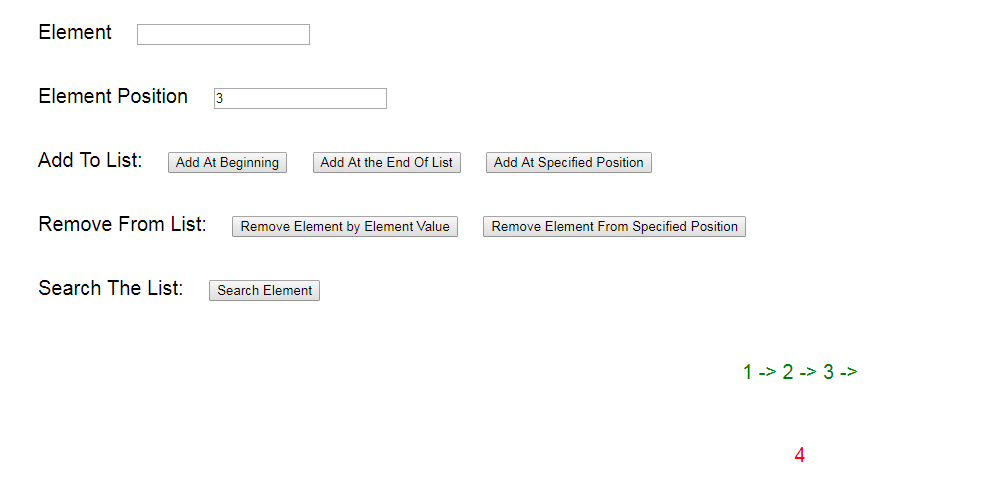


ii. When element does not exist in list

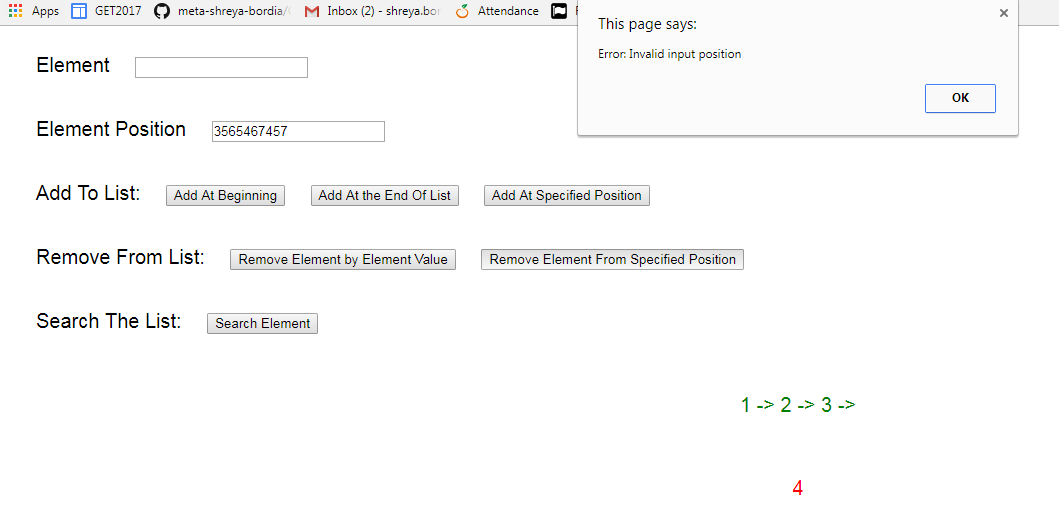


5. Remove element from the specified position

i. Valid position

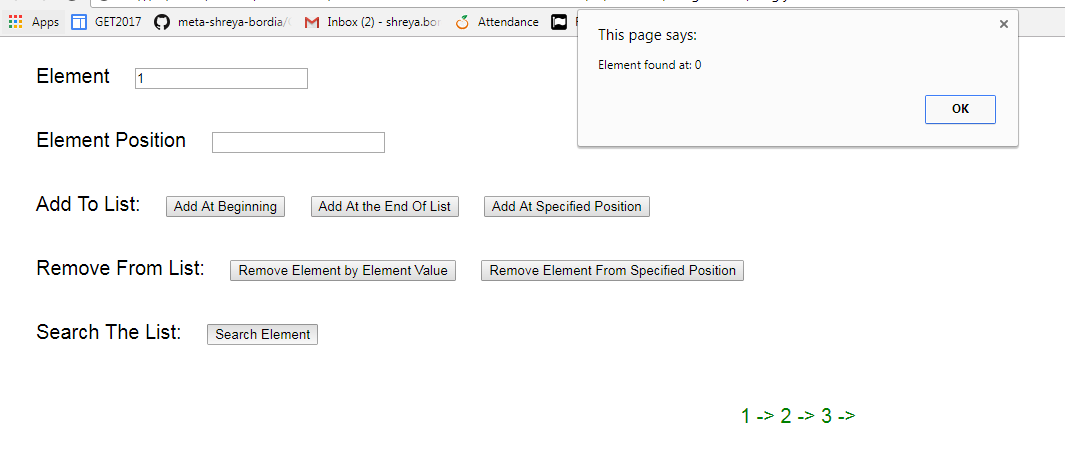


ii. Invalid position

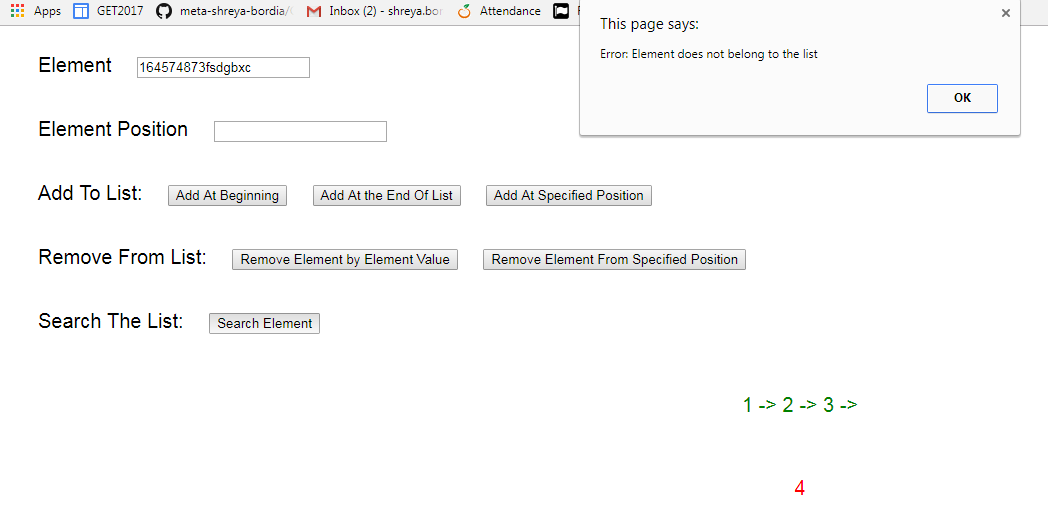


6. Search an element in the list

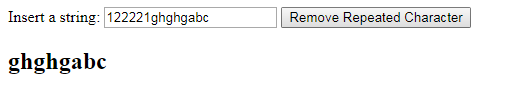
i. When element belongs to the list

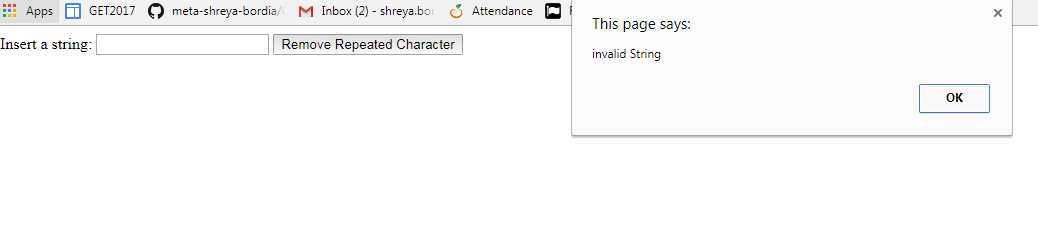


ii. When element does not belong in the list



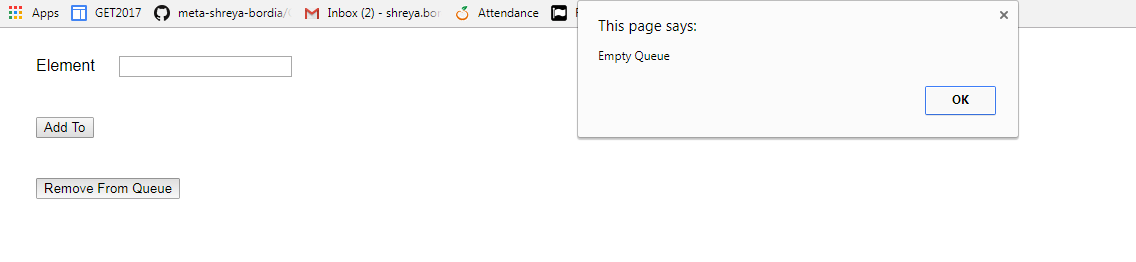
**Assignment 2: Remove repeated characters from a string**





**Assignment 3: Queue**





**Assignment 4: Stack**

