| Criteria | Points | Details |
| --- | --- | --- |
| Correctly removes elements > k | 5 | Filters out all elements greater than k from the stack. |
| Sorts remaining elements | 5 | Ensures the remaining elements are sorted in ascending order. |
| Uses only stack operations | 3 | |  | | --- |  | Solution uses only Stack instances and methods (push, pop, peek, isEmpty). | | --- | |
| Handles edge cases | 2 | Handles cases like an empty stack, all elements > k, or all elements ≤ k. |



