| **Set A** | **Set B** |
| --- | --- |
| **def filter\_without\_range(head, low, high):**  **if head == None:**  **return None**  **current = head**  **new\_head = None**  **while current is not None:**  **if (low > current.val) or (current.val > high):**  **if new\_head == None:**  **new\_head = ListNode(current.val)**  **else:**  **# Inserting at 0 th index**  **temp = new\_head**  **new\_head = ListNode(current.val)**  **new\_head.next = temp**  **current = current.next**    **return new\_head** | **def filter\_within\_range(head, low, high):**  **if head == None:**  **return None**  **current = head**  **new\_head = None**  **while current is not None:**  **if low <= current.val <= high:**  **if new\_head == None:**  **new\_head = ListNode(current.val)**  **else:**  **# Inserting at 0 th index**  **temp = new\_head**  **new\_head = ListNode(current.val)**  **new\_head.next = temp**  **current = current.next**  **return new\_head** |

| **Sr** | **Rubric Category** | **Marks (15 Total)** |
| --- | --- | --- |
| 1 | Define function with all the parameters | 1 |
| 2 | Handling empty list | 2 |
| 3 | Initialize iterating variable | 1 |
| 4 | Declaring new\_head = None | 1 |
| 5 | Traversal of the linked list | 4 |
| 6 | Applying Condition | 2 |
| 8 | Creating the new linked list properly | 4 |