Q1. Given a linked list and a key ‘X‘ in, the task is to check if X is present in the linked list or not. Examples:

Input: 14->21->11->30->10, X = 14

Output : Yes

Explanation: 14 is present in the linked list.

6->21->17->30->10->8, X = 13

output No\

ANS. https://github.com/PRAVALSHARMA/PW\_JAVA\_DSA\_ASSIGNMENT.git

Q2. Insert a node at the given position in a linked list. We are given a pointer to a node, and the new node is inserted after the given node

ANS. https://github.com/PRAVALSHARMA/PW\_JAVA\_DSA\_ASSIGNMENT.git

Q3. Given the head of a sorted linked list, delete all duplicates such that each element appears only once. Return the linked list sorted as well.

ANS. https://github.com/PRAVALSHARMA/PW\_JAVA\_DSA\_ASSIGNMENT.git

Q4. Given the head of a singly linked list, return true if it is a palindrome or false otherwise.

ANS. https://github.com/PRAVALSHARMA/PW\_JAVA\_DSA\_ASSIGNMENT.git

Q5. Given two numbers represented by two lists, write a function that returns the sum list. The sum list is a list representation of the addition of two input numbers.

Example:

List1: 5->6->3

List2: 8->4->2

Resultant list: 1->4->0->5

Explanation: 563 + 842 = 1405.

ANS. https://github.com/PRAVALSHARMA/PW\_JAVA\_DSA\_ASSIGNMENT.git