5.Write a program in Java to delete the first occurrence of a key in a singly linked list

```
package OnlinePractice3;
import java.io.*;
public class LinkedList {
    Node head;

    class Node {
        int data;
        Node next;
        Node(int d)
        {
            data = d;
            next = null;
        }
    }
    void deleteNode(int key)
    {
        Node temp = head, prev = null;
        if (temp != null && temp.data == key) {
      head = temp.next;
            return;
        }
        while (temp != null && temp.data != key) {
            prev = temp;
            temp = temp.next;
        }
        if (temp == null)
```

```
            return;
        prev.next = temp.next;
    }
    public void push(int new_data)
    {
        Node new_node = new Node(new_data);
        new_node.next = head;
        head = new_node;
    }
    public void printList()
    {
        Node tnode = head;
        while (tnode != null) {
            System.out.print(tnode.data + " ");
            tnode = tnode.next;
        }
    }
    public static void main(String[] args)
    {
        LinkedList llist = new LinkedList();
        llist.push(7);
        llist.push(3);
        llist.push(9);
        llist.push(8);
        System.out.println("Created Linked List:");
        llist.printList();
        llist.deleteNode(7);
        System.out.println(
```

```
        llist.printList();
    }
}
```

output-

```
Created Linked List:
8 9 3 7
Linked List after Deletion of 1:
8 9 3
```