Delete First Node of Singly Linked List

Given a linked list, the task is to remove the first node of the linked list and update the head pointer of the linked list.

Examples:

> ***Input :*** *1 -> 2 -> 3 -> 4 -> 5 -> NULL*
> ***Output :*** *2 -> 3 -> 4 -> 5 -> NULL*
>
> ***Input :*** *2 -> 4 -> 6 -> 8 -> 33 -> 67 -> NULL*
> ***Output :*** *4 -> 6 -> 8 -> 33 -> 67 -> NULL*

To remove the first node, we need to make the second node as head and delete the memory allocated for the first node.

Implementation:

C++ Java

```
// Java program to remove first node of
// linked list.
class GFG {

    // Link list node /
    static class Node {
        int data;
        Node next;
    };

    // Function to remove the first node
    // of the linked list /
    static Node removeFirstNode(Node head)
    {
        if (head == null)
            return null;
```

```
        head = head.next;
```



```
    // Function to push node at head
    static Node push(Node head_ref, int new_data)
    {
        Node new_node = new Node();
        new_node.data = new_data;
        new_node.next = (head_ref);
        (head_ref) = new_node;
        return head_ref;
    }

    // Driver code
    public static void main(String args[])
    {
        // Start with the empty list /
        Node head = null;

        // Use push() function to con
        // the below list 8 . 23 . 11 . 29 . 12 /
        head = push(head, 12);
        head = push(head, 29);
        head = push(head, 11);
        head = push(head, 23);
        head = push(head, 8);

        head = removeFirstNode(head);
        for (Node temp = head; temp != null; temp = temp.next)
            System.out.print(temp.data + " ");
    }
}
```

Output

```
23 11 29 12
```

Dash

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All

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