

LAB PROGRAM 5-B:REMOVAL OF NODE BY VALUE FROM LL

```
/**  
 * Definition for singly-linked list.  
 * struct ListNode {  
 *     int val;  
 *     struct ListNode *next;  
 * };  
 */  
  
struct ListNode* removeElements(struct ListNode* head, int val) {  
    struct ListNode* temp=head;  
    struct ListNode* prev=head;  
  
    if(head==NULL)  
    {  
        return NULL;  
    }  
    while(temp!=NULL)  
    {  
        if(temp->val==val)  
        {  
            if(temp==head)  
            {  
                head=head->next;  
                temp=temp->next;  
                free(prev);  
                prev=head;  
            }  
            else  
            {  
                prev->next=temp->next;  
                free(temp);  
            }  
        }  
    }  
}
```

```

temp=prev->next;
}

}

else
{
    prev=temp;
    temp=temp->next;
}

}

return head;
}

```



