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#include<stdio.h>
#include<stdlib.h>

struct node
{
    int data;
    /* char titulo[12];
    char responsable[12];
    char fechac[12];
    char fechaLimite[12];
    char status[12];
    char observaciones[50];
    */
    struct node* next;
};

struct node* Build()
{
    struct node* head=NULL;
    struct node* second=NULL;
    struct node* third=NULL;

    head=malloc(sizeof(struct node));
    second=malloc(sizeof(struct node));
    third=malloc(sizeof(struct node));

    head->data=1;
    head->next=second;
    second->data=2;
    second->next=third;
    third->data=3;
};

int Length(struct node* head)
{
    struct node* current=head;
    int count=0;
    while(current!=NULL)
    {
        current=current->next;
        count++;
    }
    return count;
};

void printDataList(struct node* head)
{
    struct node* temp=head;
    while(temp!=NULL)
    {
        printf("%i", temp->data;
        temp=temp->next;
    }
};

struct node* push(struct node* head, int dat)

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{
    struct node* new;
    new=/(struct node*)*/malloc(sizeof(struct node));

    new->data=dat;
    new->next=head;

    return new;
};

void popByRef(struct node** headRef)
{
    *headRef=(*headRef)->next;
};

struct node* popByValue(struct node* head)
{
    return head->next;
};

void main()
{
    struct node* head=Build();
    head=Push(head, 8);
    printf("Tiene %d", Length); //llamada al sistema

    printf("_____\\n");
    struct node *head3=NULL;
    struct node **tail=NULL;
    tail=&head3;
    pushByRef(tail, 11);
    tail=&((*tail)->next);
    pushByRef(tail, 12);
    tail=&((*tail)->next);
    pushByRef(tail, 13);
    tail=&((*tail)->next);
    popByRef(&head3);
    head3=popByValue(head3);
    popByRef(&head3);
    printf("La lista tiene %d elementos:\\n", Length(head3)); //llamada al sistema
    struct node* current2=head3;
    current2=head3;
    while(current2!=NULL)
    {
        printf("%d\\n", current2->data); //llamada al sistema
        current2=current2->next;
    }

    return 0;
};

```