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

struct box {
    int x;
    struct box *next;
};

struct box boxMerge(struct box* a, struct box* b){

    struct box *currentnode,*temp;
    currentnode = malloc( sizeof(struct box) );
    temp = malloc( sizeof(struct box) );

    printf("a->x = %d\n",a->x);

    if(a==NULL){
        a=b;
        currentnode=a;
    }else{
        temp = a;
        while(temp->next!=NULL)
        {
            temp = temp->next;
        }
        temp->next = b;
    }

    return *a;
}

int main() {

    int i=0;
    char answer;

    struct box *pointer,*tzokera,*tzokerb;
    struct box *heada;
    struct box *headb;

    tzokera = malloc( sizeof(struct box) );
    tzokerb = malloc( sizeof(struct box) );

    struct box *boxa;
    boxa = malloc( sizeof(struct box) );//printf("%d \n",boxa->x);
    boxa->next=NULL;
    heada = boxa;

    struct box *boxb;
    boxb = malloc( sizeof(struct box) );//printf("%d \n",boxb->x);
    boxb->next=NULL;
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headb = boxb;
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printf("Add a node to the first struct (y/n) :");
scanf("%c",&answer);

while (answer!='n') {

    struct box *newBoxa,*currentBoxa,*temp;
    newBoxa = (struct box *)malloc(sizeof(struct box));
    if(newBoxa == NULL){printf("nFailed to Allocate Memory");}

    newBoxa->next=NULL;
    printf("Enter data : ");
    scanf("%d",&newBoxa->x);

    if(boxa==NULL){
        boxa=newBoxa;
        currentBoxa=newBoxa;
    }else{
        temp = boxa;
        while(temp->next!=NULL)
        {
            temp = temp->next;
        }
        temp->next = newBoxa;
    }

    printf("Add a node to the first struct (y/n) :");
    scanf("%c",&answer);
    scanf("%c",&answer);

}

printf("Add a node to the second struct (y/n) :");
scanf("%c",&answer);
scanf("%c",&answer);

while (answer!='n') {

    struct box *newBoxb,*currentBoxb,*temp2;
    newBoxb = (struct box *)malloc(sizeof(struct box));
    if(newBoxb == NULL){printf("nFailed to Allocate Memory");}

    newBoxb->next=NULL;
    printf("Enter data : ");
    scanf("%d",&newBoxb->x);

    if(boxb==NULL){
        boxb=newBoxb;
        currentBoxb=newBoxb;
    }
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}else{
    temp2 = boxb;
    while(temp2->next!=NULL)
    {
        temp2 = temp2->next;
    }
    temp2->next = newBoxb;
}

printf("Add a node to the first struct (y/n) :");
scanf("%c",&answer);
scanf("%c",&answer);

}

i=0;
tzokera=boxa;
tzokerb=boxb;
while (tzokera!=NULL || tzokerb!=NULL) {

    printf("boxa is: %d,boxb is: %d\n",tzokera->x,tzokerb->x);
    tzokera=tzokera->next;
    tzokerb=tzokerb->next;
    i++;

}

*pointer = boxMerge(boxa,boxb);

//
while (pointer!=NULL) {
    printf("Pointer is: %d\n",pointer->x);
    pointer=pointer->next;
}
//

return 0;

}
```