# Remove Duplicates from Linked List

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

struct Node
{
    int data;
    struct Node *next;
}*first=NULL,*second=NULL,*third=NULL;

void Display(struct Node *p)
{
    while(p!=NULL)
    {
        printf("%d ",p->data);
        p=p->next;
    }
}




void create(int A[],int n)
{
    int i;
    struct Node *t,*last;
    first=(struct Node *)malloc(sizeof(struct Node));
    first->data=A[0];
    first->next=NULL;
    last=first;

    for(i=1;i<n;i++)
    {
        t=(struct Node*)malloc(sizeof(struct Node));
        t->data=A[i];
        t->next=NULL;
        last->next=t;
        last=t;
    }
}


void RemoveDuplicate(struct Node *p)
{
    struct Node *q=p->next;
```

```c
    while(q!=NULL)
    {
        if(p->data!=q->data)
        {
            p=q;
            q=q->next;
        }
        else
        {
            p->next=q->next;
            free(q);
            q=p->next;
        }
    }

}


int main()
{

    int A[]={10,20,20,40,50,50,50,60};
    create(A,8);


    RemoveDuplicate(frist);
    Display(frist);

    return 0;
}
```