Program for Remove Duplicate from Linked List:

#include <stdio.h>

#include <stdlib.h>

struct node

{

int data;

struct node \*next;

};

struct node \*getnode(int data)

{

struct node \*temp=(struct node\*)malloc(sizeof(struct node));

temp->data=data;

temp->next=NULL;

return temp;

}

void print(struct node \*head)

{

struct node \*current=head;

while(current!=NULL)

{

printf("%d ",current->data);

current=current->next;

}

}

void removeDuplicate(struct node \*head)

{

struct node \*current=head;

if(head==NULL)

return ;

while(current!=NULL)

{

printf("%d ", current->data);

if(current->next!=NULL && current->data==current->next->data)

{

current=current->next->next;

}

else

{

current=current->next;

}

}

}

int main() {

struct node \*head=getnode(1);

head->next=getnode(1);

head->next->next=getnode(2);

head->next->next->next=getnode(2);

//print(head);

removeDuplicate(head);

printf("\n");

return 0;

}