Sort The 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 sort(struct node \*head)

{

struct node \*current=head;

struct node \*index=NULL;

int temp;

if(head==NULL)

return;

while(current!=NULL)

{

index=current->next;

while(index!=NULL)

{

if(current->data > index->data)

{

temp=current->data;

current->data=index->data;

index->data=temp;

}

index=index->next;

}

current=current->next;

}

}

int main() {

struct node \*head=getnode(3);

head->next=getnode(2);

head->next->next=getnode(1);

print(head);

sort(head);

printf("\n");

print(head);

return 0;

}