ตัวอย่างโปรแกรมเรียนในวันนี้

Insert linked list เฉพาะกรณี

* list ว่าง
* insert ด้านหน้า

#include <stdio.h>

#include <Iostream>

using namespace std;

struct record

{ int value;

struct record \*next;

};

void menu()

{ cout << "====MENU====\n";

cout << "1) Insert \n";

cout << "3) Exit \n";

cout << "Please choose > ";

}

struct record \*insert(struct record \*head, int data)

{ struct record \*node;

if(head==NULL)

{ head=new struct record;

head->value=data;

head->next=NULL;

}

else

{

node = new struct record;

node->value=data;

if(data<head->value)

{ node->next=head;

head=node;

}

}

return head;

}

int main()

{ int choose=0,data;

struct record \*head=NULL,\*p;

while(choose!=3)

{

menu();

cin >> choose;

switch (choose)

{

case 1: cout << "Enter number : ";

cin >> data;

head=insert(head,data);

//Print

p=head;

while(p!=NULL)

{ cout << p->value << " ";

p=p->next;

}

cout << endl;

//end print

break;

}

}//end while

}