#include <iostream>

#include <conio.h>

#include <malloc.h>

#include <cstdlib>

using namespace std;

struct node

{

string maha;

int nim;

node\* next;

};

node\* head;

node\* tail;

node\* curr;

node\* entry;

node\* del;

node\* bantu;

void inisialisasi()

{

head = NULL; //Inisialisasi

tail = NULL; //Inisialisasi

}

void input()

{

node\* baru;

for(int i=0;i<4;i++) {

baru = new node;

cout<<"Masukan Nama Mahasiswa : ";

cin>>baru->maha;

cout<<"Masukan NIM Mahasiswa : ";

cin>>baru->nim;

baru->next = NULL;

if(head == NULL) {

head = baru;

head->next = NULL;

} else {

bantu = head;

while(bantu->next != NULL) {

bantu = bantu->next;

}

bantu->next = baru;

}

}

}

void hapus()

{

string d;

if (head != NULL)

{

if(head->next != NULL)

{

bantu = head;

while(bantu->next->next!=NULL)

{

bantu = bantu->next;

}

del = bantu->next;

d = del->maha;

bantu->next = NULL;

delete del;

}

else

{

d = head->maha;

head = NULL;

}

cout<<d<<" terhapus";

}

else

cout<<"Masih kosong\n";

}

void cetak()

{

curr = head;

if(head == NULL)

cout<<"\ntidak ada data dalam linked list"<<endl;

else

{

cout<<"Nama Mahasiswa \t NIM \n";

while(curr!=NULL)

{

cout<<curr->maha<<"\t\t"<<curr->nim<<endl;

curr = curr->next;

}

cout<<endl;

}

}

int main()

{

int nim;

string mhs;

inisialisasi();

input();

cetak();

hapus();

cout<<endl;

cetak();

return EXIT\_SUCCESS;

}