```cpp
#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()
```

```cpp
{
    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();
```

```cpp
    cout<<endl;
    cetak();
    return EXIT_SUCCESS;
}
```