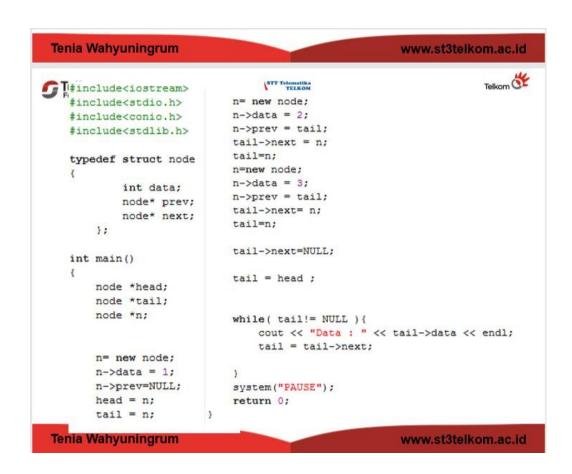
Nama : Novan Ari Pradana

Nim : 19051397013

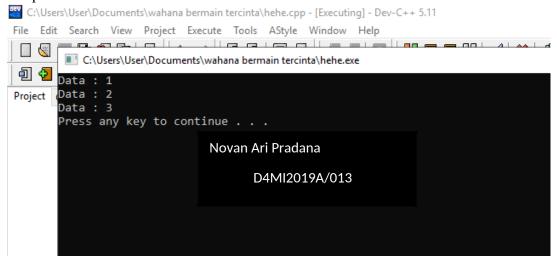
Prodi : D4 Manajemen Informatika 2019A

Tugas | Double Linked List

1. Double Linked List Non Circular Perhatikan script code double linked list non Circular berikut ini dan tuliskan urutan langkah Output node nya!



Output:



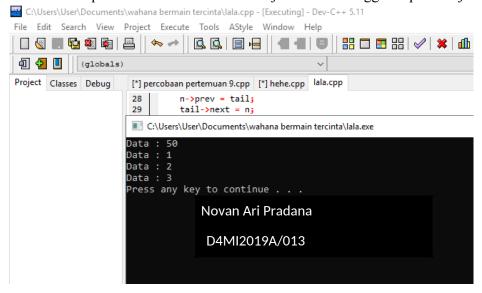
1) Tulis keluarannya jika ditambahkan statement berikut!

```
n=new node;
n->data=50;
n->prev=NULL;
n->next = head;
head->prev = n;
head = n;
tail->next=NULL;
tail = head;
while( tail!= NULL ) {
   cout << "Data : " << tail->data << endl;
   tail = tail->next;
}
system("PAUSE");
return 0;
}
```

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Di dalam script tertulis bahwa data 50 menjadi head sehingga output menjadi:



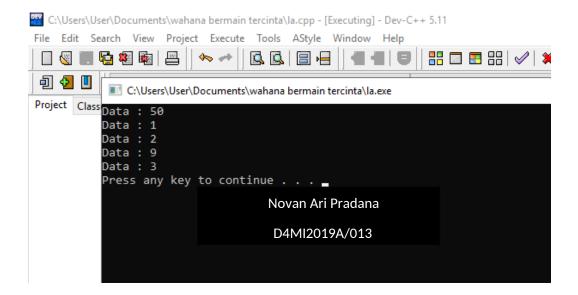
2) Tulis keluarannya jika ditambahkan statement berikut!

```
node *bantu, *bantu2;
n=new node;
n->data=9;
n->prev=NULL;
                             while ( tail! = NULL ) {
n->next=NULL;
                                 cout << "Data : " << tail->data << endl;
bantu = head;
                                 tail = tail->next;
while (bantu->data != 2)
bantu = bantu->next;}
                             system ("PAUSE");
                             return 0;
bantu2 = bantu->next;
n->next = bantu2;
bantu2->prev = n;
bantu->next = n;
n->prev = bantu;
tail->next=NULL;
tail = head ;
```

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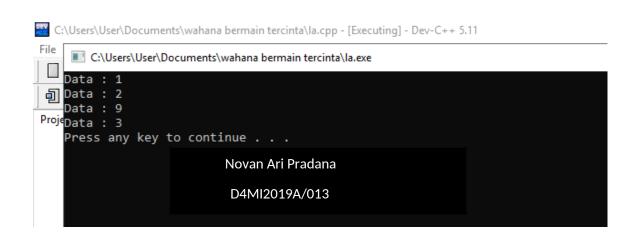
Di dalam script tertulis bahwa data 9 berada di tengah, sehingga output menjadi:



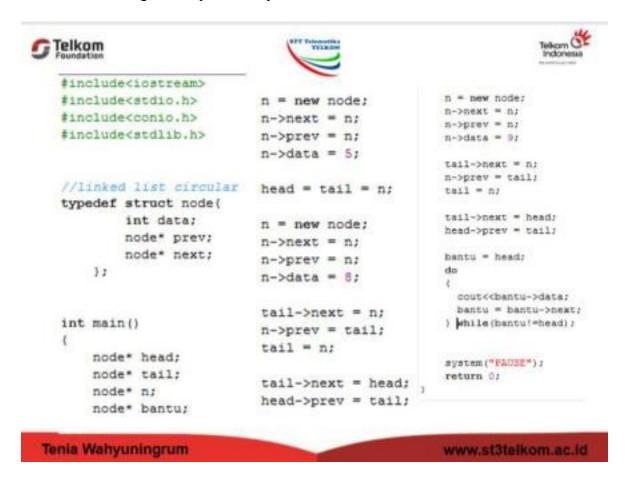
3) Tulis keluarannya jika ditambahkan statement berikut!

```
while (bantu->data != 2)
                    bantu = bantu->next;}
                    bantu2 = bantu->next;
                    n->next = bantu2;
                    bantu2->prev = n;
                    bantu->next = n;
                    n->prev = bantu;
                    hapus = head;
                    head = head->next;
                    head->prev = NULL;
                    delete hapus;
                    tail->next=NULL;
                    tail = head ;
                    while ( tail! = NULL ) {
                        cout << "Data : " << tail->data << endl;
                        tail = tail->next;
Tenia Wahyuningrum
                                                                 www.st3telkom.ac.id
```

Di dalam script tertulis bahwa head dihapus, sehingga output menjadi:



2. Double Linked List Circular Perhatikan script code double linked list Circular sederhana berikut ini dan tuliskan urutan langkah Output node nya!



Output:

