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PRODI : D4 Manajemen Informatika

LATIHAN MODUL DOUBLE LINKED LIST

Perhatikan script code double linked list non Circular berikut ini dan tuliskan urutan langkah Output node nya!

```
Telkom 🕓
                            STT Telematika
TELKOM
 #include<stdio.h>
#include<conio.h>
                      n->data = 2;
                       n->prev = tail;
 #include<stdlib.h>
                       tail->next = n;
                       tail=n;
 typedef struct node
                       n=new node;
        int data;
                      n->data = 3;
                      n->prev = tail;
       node* prev;
                       tail->next= n;
       node* next;
    );
                       tail->next=NULL;
 int main()
                       tail = head ;
    node *head;
    node *tail;
    node *n;
                       while ( tail! = NULL ) {
                          cout << "Data : " << tail->data << endl;
                           tail = tail->next;
    n= new node;
    n->data = 1;
    n->uaca
n->prev=NULL;
                       system("PAUSE");
   head = n;
                       return 0;
    tail = n;
```

```
Data: 1
Data: 2
Data: 3
Press any key to continue . . . _
```

Tuliskan 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;</pre>
    tail = tail->next;
system("PAUSE");
return 0;
```

```
■ D:\Documents\FOLDER AGNYS\STRUKTUR DATA smt2\SD double linked list no... - □ ×
Data : 50
Data : 1
Data : 2
Data : 3
Press any key to continue . . .
```



Tuliskan 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 ;
```

```
■ D:\Documents\FOLDER AGNYS\STRUKTUR DATA smt2\SD double linked list no... - □
pata : 50
Data : 1
Data : 2
Data : 9
Data : 3
Press any key to continue . . .
```

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;</pre>
    tail = tail->next;
```

```
Data : 1
Data : 2
Data : 9
Data : 3
Press any key to continue . . .
```

Perhatikan script code double linked list Circular sederhana berikut ini dan tuliskan urutan langkah Output node nya!

```
#include<iostream>
                                                n = new node;
#include<stdio.h>
                        n = new node;
                                                n->next = n;
                        n->next = n;
#include<conio.h>
                                                 n->prev = n;
#include<stdlib.h>
                        n->prev = n;
                                                n->data = 9;
                         n->data = 5;
                                                 tail->next = n;
                                                 n->prev = tail;
//linked list circular head = tail = n;
                                                 tail = n;
typedef struct node{
                                                 tail->next = head;
        int data;
                         n = new node;
                                                head->prev = tail;
        node* prev;
                        n->next = n;
        node* next;
                                                bantu = head;
                        n->prev = n;
    };
                                                 do
                         n->data = 8;
                                                 cout<<bantu->data;
                                                  bantu = bantu->next;
                         tail->next = n;
int main()
                                                } while (bantu!=head);
                         n->prev = tail;
                         tail = n;
   node* head;
                                                 system("PAUSE");
   node* tail;
                                                 return 0:
                        tail->next = head; ,
   node* n;
                        head->prev = tail;
    node* bantu;
```

```
D:\Documents\FOLDER AGNYS\STRUKTUR DATA smt2\SD double linked list cir... - X

589Press any key to continue . . . _ ^
```