NAMA : Willyta Asmara Diya Abadi

NIM : 19051397017

PRODI: D4 Manajemen Informatika A 19

1. Tuliskan output dari:

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

Output:

Data:1 Data:2 Data:3

ditambah 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;
}
```

Output akan menjadi:

Data: 50 Data: 1 Data: 2 Data: 3

```
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 ;
```

Output akan menjadi:

Data: 50 Data: 1 Data: 2 Data: 9 Data: 3

```
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;
```

Output akan menjadi:

Data: 9 Data: 3

Tuliskan output dari:

```
#include<iostream>
                                                    n = new node;
#include<stdio.h>
                          n = new node;
                                                    n->next = n;
#include<comio.h>
                           n->next = n;
                                                    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;
   };
                           n->data = 8;
                                                     cout << bantu -> data;
                                                     bantu = bantu->next;
                           tail->next = n;
int main()
                                                    } while (bantu!=head);
                           n->prev = tail;
1
                           tail = n;
    node* head;
                                                    system ("PAUSE");
    node* tail;
                                                    return 0;
                           tail->next = head; ,
    node* n;
                           head->prev = tail;
    node* bantu;
```

Output:

Data:5 Data:8

Data:9