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PRODI : D4 Manajemen Informatika A 19

## 1. Tuliskan output dari:

```
TELKOM
                                                                 Telkom 🐸
#include<iostream>
#include<stdio.h>
                         n= new node;
                         n->data = 2;
#include<conio.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()
1
                         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->prev=NULL;
                         system ("PAUSE");
   head = n;
                         return 0;
    tail = n;
```

#### Output:

Data:1 Data:2 Data:3

## 2. Bila 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

#### 3. Bila ditambah 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;</pre>
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

## 4. Bila ditambah 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;
```

## Output akan menjadi :

Data:9 Data:3

#### 5. Tuliskan output dari:

```
#include<iostream>
#include<stdio.h>
                         n = new node;
                                                  n = new node;
                                                  n->next = n;
#include<conio.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;
   };
                                                  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;
```

Output:

Data: 5 Data:8

Data:9