Nama: Imam Arief Al Baihaqy

Kelas: D4 MI 2019A

NIM: 19051397006

```
Telkom 🐣
                                 STT Telematika
TELKOM
T#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;
       1:
                            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->prev=NULL;
                            system ("PAUSE");
       head = n;
                            return 0;
       tail = n;
                        }
```

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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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Data: 50

Data: 1

Data: 2

Data: 3

Press any key to continue . . .



uliskan keluarannya, jika ditambahkan statement berikut!

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```

```
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");
bantu2 = bantu->next;
                           return 0;
n->next = bantu2;
bantu2->prev = n;
bantu->next = n;
n->prev = bantu;
tail->next=NULL;
tail = head ;
```

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Data: 50

Data: 1

Data: 2

Data: 9

Data: 3

Press any key to continue...



Tuliskan 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;
```

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Data: 9

Data: 3

Press any key to continue . . .







```
#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;
    };
                                                    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;
                          tail->next = head; ,
                                                    return 0;
    node* n;
                           head->prev = tail;
    node* bantu;
```

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```
5
8
9
```