

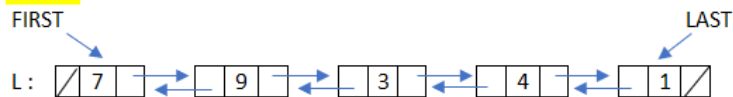
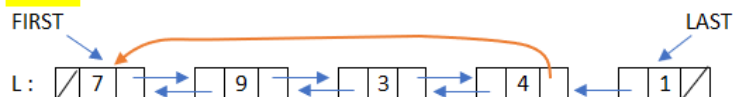
Started on	Monday, 7 October 2024, 10:34 PM
State	Finished
Completed on	Monday, 7 October 2024, 10:47 PM
Time taken	12 mins 57 secs
Marks	14.00/15.00
Grade	93.33 out of 100.00

Question 1

Correct

Mark 1.00 out of 1.00

Tentukan apa sintak yang tepat untuk membuat kondisi Double Linked List L dari kondis awal menjadi kondisi akhir

AWAL**AKHIR**

- ☐ a. $\text{PREV}(\text{LAST}(L)) = \text{FIRST}(L)$
- ☐ b. $\text{FIRST}(L) = \text{PREV}(\text{NEXT}(\text{LAST}(L)))$
- ☐ c. $\text{PREV}(\text{NEXT}(\text{LAST}(L))) = \text{FIRST}(L)$
- ☒ d. $\text{NEXT}(\text{PREV}(\text{LAST}(L))) = \text{FIRST}(L)$ ✓

Question 2

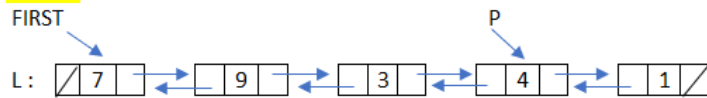
Correct

Mark 1.00 out of 1.00

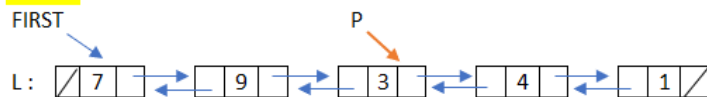
Tentukan apa sintak yang tepat untuk membuat kondisi Double Linked List L dari kondis awal menjadi kondisi akhir

AWAL

FIRST

**AKHIR**

FIRST



- ☐ a. $p = \text{prev}(\text{prev}(p))$
- ☐ b. $\text{prev}(\text{prev}(P)) = p$
- ☒ c. $p = \text{prev}(p)$ ✓
- ☐ d. $\text{prev}(p) = p$

Question 3

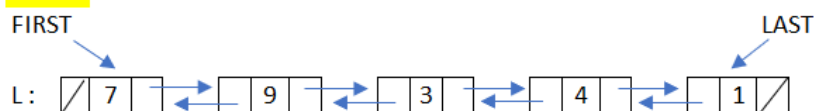
Correct

Mark 1.00 out of 1.00

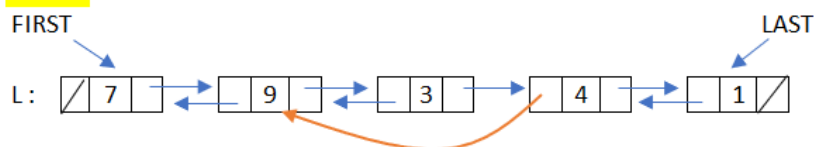
Tentukan apa sintak yang tepat untuk membuat kondisi Double Linked List L dari kondis awal menjadi kondisi akhir

AWAL

FIRST

**AKHIR**

FIRST



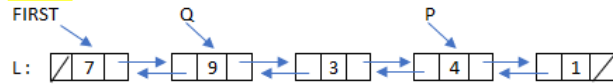
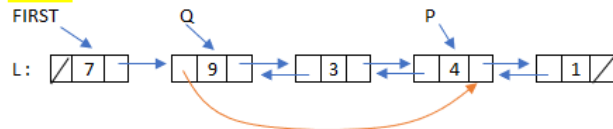
- ☐ a. $\text{NEXT}(\text{FIRST}(L)) = \text{PREV}(\text{PREV}(\text{LAST}(L)))$
- ☐ b. $\text{PREV}(\text{LAST}(L)) = \text{NEXT}(\text{FIRST}(L))$
- ☒ c. $\text{PREV}(\text{PREV}(\text{LAST}(L))) = \text{NEXT}(\text{FIRST}(L))$ ✓
- ☐ d. $\text{NEXT}(\text{FIRST}(L)) = \text{PREV}(\text{LAST}(L))$

Question 4

Correct

Mark 1.00 out of 1.00

Tentukan apa sintak yang tepat untuk membuat kondisi Double Linked List L dari kondis awal menjadi kondisi akhir

AWAL**AKHIR**

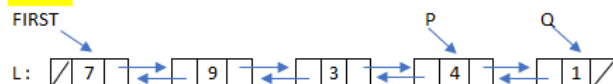
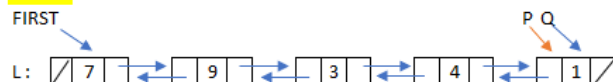
- ☐ a. $PREV(Q) = PREV(P)$
- ☐ b. $PREV(Q) = NEXT(P)$
- ☒ c. $PREV(NEXT(FIRST(L))) = P$ ✓
- ☐ d. $NEXT(Q) = P$

Question 5

Correct

Mark 1.00 out of 1.00

Tentukan apa sintak yang tepat untuk membuat kondisi Double Linked List L dari kondis awal menjadi kondisi akhir

AWAL**AKHIR**

- ☒ a. $p = Q$ ✓
- ☐ b. $p = next(p)$
- ☐ c. $Q = P$
- ☐ d. $p = prev(Q)$

Question 6

Correct

Mark 1.00 out of 1.00

Terdapat double linked list L berikut ini, tentukan **apa output di layar** jika procedure berikut ini dieksekusi

Procedure ABC (In L : List)**Kamus Data****P : Address****Algoritma****P=first(L)****WHILE ((P) != LAST(L)) DO****output(info(p))****p=next(p)**

- ☒ a. 9 3 4 7 ✓
- ☐ b. 9 3 4 7 1
- ☐ c. 9 9 9 9 9
- ☐ d. 1 7 4 3 9

Question 7

Correct

Mark 1.00 out of 1.00

Terdapat double linked list L berikut ini, tentukan **apa output dilayar** jika procedure berikut ini dieksekusi

Procedure ABC (in L : List)**Kamus Data****P : Address****temp: integer****Algoritma****P=first(L)****temp = 0****WHILE (next(P) != LAST(L)) DO****temp=temp+info(p)****p=next(p)****output(temp)**

- ☐ a. 24
- ☐ b. 5
- ☒ c. 16 ✓
- ☐ d. 23

Question 8

Correct

Mark 1.00 out of 1.00

Terdapat double linked list L berikut ini, tentukan **apa return value dari Fungsi berikut ini** jika fungsi berikut ini dieksekusi dengan nilai X adalah angka 1

Function ABC (L : List, X : integer)--> boolean

Kamus Data

P : Address

Algoritma

P=first(L)

WHILE (P != LAST(L)) DO

if(info(p)==X) then

return TRUE

p=next(p)

return FALSE

- ☒ a. FALSE ✓
- ☐ b. "FALSE"
- ☐ c. "TRUE"
- ☐ d. TRUE

Question 9

Correct

Mark 1.00 out of 1.00

Terdapat double linked list L berikut ini, tentukan **apa output di layar** jika procedure berikut ini dieksekusi



procedure ABC (In L : List)

Kamus Data

P : Address

Algoritma

P=last(L)

WHILE ((P) != NIL) DO

output(info(p))

p=prev(p)

- ☐ a. 9 3 4 7 1
- ☐ b. 1 7 4 3
- ☐ c. loop never end
- ☒ d. 1 7 4 3 9 ✓

Question 10

Correct

Mark 1.00 out of 1.00

Terdapat double linked list L berikut ini, tentukan **apa output di layar** jika procedure berikut ini dieksekusi

procedure ABC (In L : List)

Kamus Data

P : Address

Algoritma

P=last(L)

WHILE ((P) != NULL) DO

output(info(p))

p=next(p)

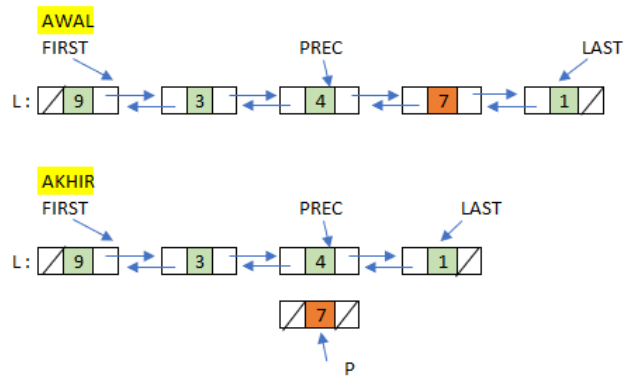
- ☐ a. 9 3 4 7
- ☐ b. LOPP NEVER END
- ☐ c. 9 3 4 7 1
- ☒ d. 1 ✓

Question 11

Correct

Mark 1.00 out of 1.00

Tentukan apa sintak yang tepat untuk membuat kondisi Double Linked List L dari kondisi awal menjadi kondisi akhir



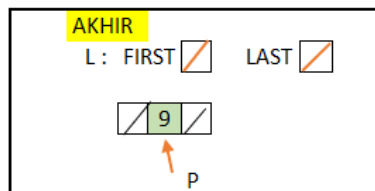
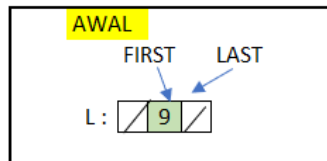
- ☐ a. $P = \text{NEXT}(\text{PREC})$
 $\text{NEXT}(\text{PREC}) = \text{NEXT}(P)$
 $\text{NEXT}(\text{PREV}(P)) = \text{PREC}$
 $\text{NEXT}(P) = \text{NIL}$
 $\text{PREV}(P) = \text{NIL}$
- ☐ b. $\text{NEXT}(P) = \text{NIL}$
 $\text{PREV}(P) = \text{NIL}$
 $\text{NEXT}(\text{PREC}) = \text{NEXT}(P)$
 $\text{PREV}(\text{NEXT}(P)) = \text{PREC}$
- ☐ c. $P = \text{NEXT}(\text{PREC})$
 $\text{NEXT}(P) = \text{NIL}$
 $\text{PREV}(P) = \text{NIL}$
 $\text{NEXT}(\text{PREC}) = \text{NEXT}(P)$
 $\text{PREV}(\text{NEXT}(P)) = \text{PREC}$
- ☒ d. $P = \text{NEXT}(\text{PREC})$ ✓
 $\text{NEXT}(\text{PREC}) = \text{NEXT}(P)$
 $\text{PREV}(\text{NEXT}(P)) = \text{PREC}$
 $\text{NEXT}(P) = \text{NIL}$
 $\text{PREV}(P) = \text{NIL}$

Question 12

Incorrect

Mark 0.00 out of 1.00

Tentukan apa sintak yang tepat untuk membuat kondisi Double Linked List L dari kondis awal menjadi kondisi akhir



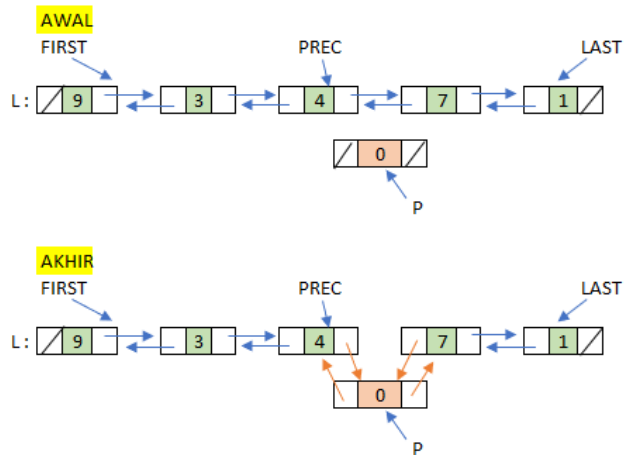
- ☐ a. $P = \text{FIRST}(L)$
 $\text{FIRST}(L) = \text{NIL}$
- ☒ b. $\text{FIRST}(L) = \text{NIL}$ ✖
 $\text{LAST}(L) = \text{NIL}$
- ☐ c. $P = \text{FIRST}(L)$
 $\text{FIRST}(L) = \text{NIL}$
 $\text{LAST}(L) = \text{NIL}$
- ☐ d. $P = \text{FIRST}(L)$
 $\text{LAST}(L) = \text{NIL}$

Question 13

Correct

Mark 1.00 out of 1.00

Tentukan apa sintak yang tepat untuk membuat kondisi Double Linked List L dari kondisi awal menjadi kondisi akhir



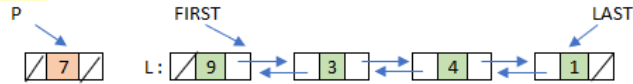
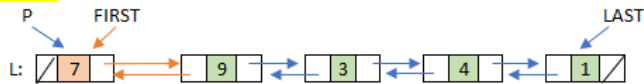
- ☐ a. $\text{NEXT}(P) = \text{NEXT}(\text{PREC})$
 $\text{PREV}(P) = \text{PREC}$
 $\text{NEXT}(\text{PREV}(P)) = P$
 $\text{PREV}(\text{PREC}) = P$
- ☐ b. $\text{NEXT}(\text{PREC}) = P$
 $\text{PREV}(P) = \text{PREC}$
 $\text{NEXT}(P) = \text{NEXT}(\text{PREC})$
 $\text{PREV}(\text{PREC}) = P$
- ☐ c. $\text{NEXT}(\text{PREC}) = \text{PREV}(P)$
 $\text{PREV}(P) = \text{PREC}$
 $\text{NEXT}(P) = \text{NEXT}(\text{PREC})$
 $\text{PREV}(\text{PREC}) = \text{NEXT}(P)$
- ☒ d. $\text{NEXT}(P) = \text{NEXT}(\text{PREC})$ ✓
 $\text{PREV}(P) = \text{PREC}$
 $\text{PREV}(\text{NEXT}(P)) = P$
 $\text{NEXT}(\text{PREC}) = P$

Question 14

Correct

Mark 1.00 out of 1.00

Tentukan apa sintak yang tepat untuk membuat kondisi Double Linked List L dari kondis awal menjadi kondisi akhir

AWAL**AKHIR**

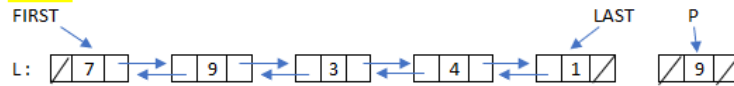
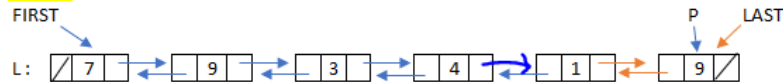
- ☐ a. $\text{FIRST}(L) = P$
 $\text{NEXT}(P) = \text{FIRST}(L)$
 $\text{PREV}(\text{FIRST}(L)) = P$
- ☐ b. $\text{FIRST}(L) = \text{NEXT}(P)$
 $\text{NEXT}(P) = \text{FIRST}(L)$
 $\text{PREV}(\text{FIRST}(L)) = P$
- ☐ c.
 $\text{NEXT}(P) = \text{PREV}(\text{FIRST}(L))$
 $\text{PREV}(\text{FIRST}(L)) = P$
 $\text{FIRST}(L) = P$
- ☒ d. $\text{NEXT}(P) = \text{FIRST}(L)$ ✓
 $\text{PREV}(\text{FIRST}(L)) = P$
 $\text{FIRST}(L) = P$

Question 15

Correct

Mark 1.00 out of 1.00

Tentukan apa sintak yang **SALAH** untuk membuat kondisi Double Linked List L dari kondisi awal menjadi kondisi akhir

AWAL**AKHIR**

- ☐ a. **PREV (P)=LAST(L)**
LAST(L)=P
NEXT(PREV(LAST(L)))=P
- ☐ b. **LAST(L)=P**
PREV (P)=LAST(L)
NEXT(LAST(L))=P
- ☐ c. **PREV (P)=LAST(L)**
LAST(L)=P
NEXT(PREV(P))=P
- ☒ d. **PREV (P)=LAST(L)** ✓
NEXT(LAST(L))=P
LAST(L)=P

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