

1.) Procedure Create_list (In/out List_Sales : m/l)

Kamus

Algoritma

List_Sales.First = NIL

endprocedure

2.) Procedure new_elm_sales (In info : sales, In/out S : adr_sales)

Kamus

Algoritma

allocate (S)

S → Next = NIL

S → next [Jual] = NIL

S → info = info

endprocedure

3.) Procedure new_elm_jual (In info : integer, In/out J : adr_jual)

Algoritma

allocate (J)

J → Next = NIL

J → info = info

end procedure

4.) Procedure Insert-new-Penjualan(In/out List-Sales
: mll, In S: adr-Sales, In J: adr-jual)

Kamus

P: adr-jual

Algoritma

P = S → next Jual

while P → Next ≠ NIL do

P = P → Next

endwhile

P → Next = J

endprocedure

5.) Procedure Delete-First-Penjualan(In/out List-Sales: mll,
In S: adr-sales, out J: adr-jual)

Algoritma

J = S → next Jual

S → next Jual = J → Next

J → Next = NIL

endprocedure

6.) Procedure Show-data-sales(In list-sales: mll)

Kamus

P: adr-Sales

Q : adr_jual

Algoritma

P = list_sales.First

while P != NIL do

Q = P → nextJual

output(P → info.nama)

while Q != NIL do

output(Q → info)

Q = Q → Next

end while

P = P → Next

end while

end procedure

7.) Procedure Delete_Penjualan(In/out list_sales, mll)

Kamus

Procedure Delete-First-Penjualan(mll, adr_sales, adr_jual)

Procedure Delete-Last-Penjualan(mll, adr_sales, adr_jual)

Procedure Delete-After-Penjualan(mll, adr_sales,
adr_jual, adr_jual)

P : adr_sales

Q, R, S : adr_jual

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Algoritma

$P = \text{list_sales.First}$

while $P \neq \text{NIL}$ do

$Q = P \rightarrow \text{nextJual}$

while $Q \neq \text{NIL}$ do

if $Q \rightarrow \text{info} < 3$ then

if $Q == P \rightarrow \text{nextJual}$ then

$\text{Delete_First_Penjualan}(\text{list_sales}, P, S)$

$Q = P \rightarrow \text{nextJual}$

else if $Q \rightarrow \text{Next} == \text{NIL}$ then

$\text{Delete_Last_Penjualan}(\text{list_sales}, P, S)$

else

$\text{Delete_After_Penjualan}(\text{list_sales}, P, R, S)$

$Q = R$

endif

endif

$R = Q$

$Q = Q \rightarrow \text{Next}$

endwhile

$P = P \rightarrow \text{Next}$

endwhile

endprocedure Ihab Hasanain Akmal 103032330054 ④