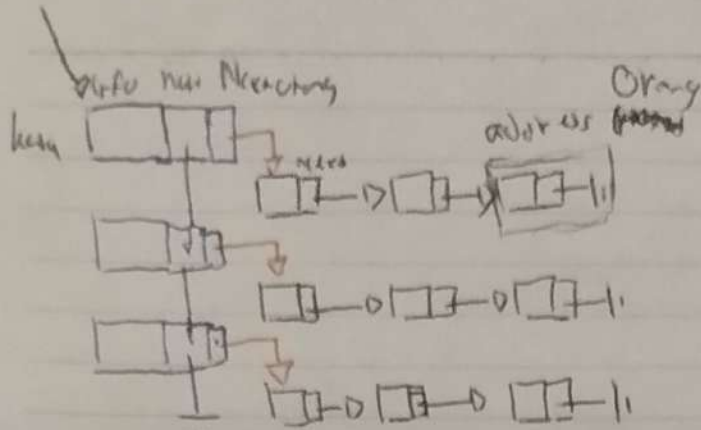


Head



tree data

address : Orang

kata : kata

kata : Head

kata :

First kata (kata, kata, kata, kata)

if (kata == NULL)

Orang

address Orang ← (kata, kata)

First Orang (kata, kata)

First kata (kata, kata)

kata: Next ← kata. Next kata
kata: Next Orang ← kata

First kata (kata, kata)
kata: Next ← Head
Head (kata) = :

kata: kata (kata, kata)

First kata (kata, kata)

if (kata == NULL)

kata: Next ← Head
Head ← kata

kata: kata

First kata (kata, kata)

kata ← alloc (kata, kata)
if (kata ≠ NULL)
First kata (kata, kata)
kata

Insert Otag (kata, otang)

if

if Otag \uparrow Next \leftarrow kata \uparrow Next Otag
kata \uparrow Next Otag \leftarrow Otag

while

if last

if (kata == NIL)

~~kata \uparrow Next Otag~~

Otag \uparrow Next \leftarrow kata \uparrow Next Otag
kata \uparrow Next

if (kata == NIL)

~~kata \uparrow Next~~

Otag \uparrow Next

if (kata == NIL)

~~kata \uparrow Next~~
~~kata \uparrow Next~~

insert last ()

insert last (kata, otang)

if (kata == NIL)

Otag \uparrow Next \leftarrow kata \uparrow Next Otag

kata \uparrow Next Otag \leftarrow Otag

else

~~kata \uparrow Next~~

Last \leftarrow kata \uparrow Next Otag

while (Last \uparrow Next \neq NIL)

Last \leftarrow Last \uparrow Next

endwhile

Last \uparrow Next \leftarrow kata

kata \uparrow Next \leftarrow Otag

kata \uparrow Next \leftarrow Last \uparrow Next

test

and if

