

a) $1 \rightarrow 2 \rightarrow 3 \rightarrow 4 \rightarrow \text{null}$ per
in 1

1. $\text{in1} \rightarrow \text{next} = \text{Insert}(n2, \text{in1} \rightarrow \text{next});$
return;

2. $\text{in1} \rightarrow \text{next} = \text{Insert}(n2, \text{in1} \rightarrow \text{next});$
return;

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return;

$\text{in1} \rightarrow \text{next} = \text{Insert}(n2, \text{in1} \rightarrow \text{next});$
return;

$\therefore 1 \rightarrow 5 \rightarrow 2 \rightarrow 6 \rightarrow 3 \rightarrow 4$

b) in 1 = Null per.
return in 2

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