**Tutorial 3:**

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**Problem 1:**

1. **IMPLEMENTER :**

public void reverse() {

if (head==null||head.next==null)

return;

Node <T> p=null,c=head,n=null;

while(c!=null) {

n=c.nexr;

c.nexr=p;

p=c;

c=n;

}

head=p;

)

**2) User:**

public static <T> void reverse(List <T>) {

if(l.empty())

return;

l.findFirst();

int count=0;

while(!l.last()) {

count++;

l.findNext();

}

count++;

l.findFirst();

for(int i=0;i<(con/2);i++) {

T left=l.retrieve();

for(int j=i;j<con-1-i;j++)

l.findNext();

T right=l.retrieve();

l.update(left);

l.findFirst();

for(int j=0;j<i;j++)

l.findNext();

l.update(right);

l.findNext();

}

}

**Problem 2:**

public static<T> void reverseCopy(DounleLinkedList <T> l,DounleLinkedList <T> l2)

{

if(l.empty())

return;

while(!l.last())

l.findNext();

while(!l.first()){

l2.insert(l.retrieve());

l.findPrevious();

}

l2.insert(l.retrieve());