Conflict-Serializable Schedule

xlock(T2, supplier_order)

read(status, net_amount)

if status==pending

pending_amount=pending_amount+net_amount

else received_amount=received_amount+net_amount

write(pending_amount)

write(received_amount)

unlock(supplier_order)

commit(T2)

slock(T1, supplier_order)

read(supplier_order.net_amount)

tot_amount=tot_amount+supplier_order.net_amount

slock(T1, employee)

read(eid, employee_order.val, salary)

val=val+employee_order.val

xlock(T1, employee)

salary=salary+(val/tot_amount)*salary

unlock(supplier_order)

unlock(employee)

commit(T1)

Non conflict-Serializable Schedule

slock(T1, supplier_order)

read(supplier_order.net_amount)

tot_amount=tot_amount+supplier_order.net_amount

unlock(supplier_order)

slock(T1, employee)

xlock(T2, supplier_order)

read(status, net_amount)

if status==pending

pending_amount=pending_amount+net_amount

else received_amount=received_amount+net_amount

write(pending_amount)

write(received_amount)

unlock(supplier_order)

read(eid, employee_order.val, salary)

val=val+employee_order.val

xlock(T1, employee)

salary=salary+(val/tot_amount)*salary

unlock(employee)

commit(T1)

commit(T2)