HW Assignment #1

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Step 4.

텍스트이(가) 표시된 사진

자동 생성된 설명

The operations to insert values into the table T were executed, but user command rollback. So, the operations cannot be committed. So, the effect of the operations should not exist in the table T after the rollback command. As a result, the select \* from T returns nothing.

Step 5.

텍스트이(가) 표시된 사진

자동 생성된 설명

The same operations are executed in step 5 again. However, in this step, the operations are committed first and then the rollback is ordered. Because SQL cannot rollback the already committed operations, the table T still maintains its values.

HW Assignment #2

텍스트이(가) 표시된 사진

자동 생성된 설명

create the table worker with the attributes workerid, workername, and workerjob. And the primary key is workerid.

텍스트이(가) 표시된 사진

자동 생성된 설명

Table worker get the values from the user. The table has 3 columns in total.

[Case 1]

1st TXN

텍스트이(가) 표시된 사진

자동 생성된 설명

2nd TXN



2nd TXN waiting for releasing the lock in 1st TXN.

[Case 2]

1st TXN

텍스트이(가) 표시된 사진

자동 생성된 설명

2nd TXN

텍스트이(가) 표시된 사진

자동 생성된 설명

Releasing the lock using commit, then 2nd TXN can access the workerid = 1 column.

[Case 3]

1st TXN

텍스트이(가) 표시된 사진

자동 생성된 설명

2nd TXN

텍스트이(가) 표시된 사진

자동 생성된 설명

Each TXN obtains different lock.