

```

-- USER 1

-- UNCOMMITTED READ
CREATE TABLE ##nums (valor INT)
INSERT INTO ##nums VALUES (1)

BEGIN TRAN
INSERT INTO ##nums VALUES (2)
INSERT INTO ##nums VALUES (3)
INSERT INTO ##nums VALUES (4)

COMMIT TRAN
DROP TABLE ##NUMS
-- COMMITED READ
CREATE TABLE ##nums (valor INT)
INSERT INTO ##nums VALUES (1)

BEGIN TRAN T1
INSERT INTO ##nums VALUES (2)
INSERT INTO ##nums VALUES (3)

ROLLBACK TRAN T1

BEGIN TRAN T3
INSERT INTO ##nums VALUES (4)

COMMIT TRAN T3
DROP TABLE ##NUMS
-- REPEATABLE READ
CREATE TABLE ##nums (valor INT)
INSERT INTO ##nums VALUES (1)
SET TRANSACTION ISOLATION LEVEL
REPEATABLE READ
BEGIN TRAN T1
SELECT * FROM ##NUMS

SELECT * FROM ##NUMS

COMMIT TRAN T1
DROP TABLE ##NUMS

-- SERIALIZABLE
CREATE TABLE ##nums (valor INT)
INSERT INTO ##nums VALUES (1)
SET TRANSACTION ISOLATION LEVEL
SERIALIZABLE
BEGIN TRAN T1
SELECT * FROM ##NUMS

SELECT * FROM ##NUMS

COMMIT TRAN T1

DROP TABLE ##NUMS

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-- USER 2

-- UNCOMMITTED READ
SET TRANSACTION ISOLATION LEVEL READ
UNCOMMITTED
BEGIN TRAN

SELECT * FROM ##NUMS
COMMIT TRAN

-- COMMITED READ

SET TRANSACTION ISOLATION LEVEL READ
COMMITTED

BEGIN TRAN T2
SELECT * FROM ##NUMS

SELECT * FROM ##NUMS

COMMIT TRAN T2

-- REPEATABLE READ

BEGIN TRAN T2 -- EJEMPLO 1

UPDATE ##NUMS SET VALOR=2 WHERE
VALOR=1

COMMIT TRAN T2

BEGIN TRAN T2 -- EJEMPLO 2
INSERT INTO ##NUMS VALUES (5)

COMMIT TRAN T2

-- SERIALIZED

BEGIN TRAN T2
INSERT INTO ##NUMS VALUES (5)

COMMIT TRAN T2

```