

**Create a trigger that checks if “value” is greater than 1000 for any new row inserted to “Test” table, then insert a row to Audit table?**

**CODE:**

CREATE TABLE Test

(

test\_id INTEGER,

value NUMBER,

test\_date DATE

);

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CREATE TABLE Test\_audit

(

test\_id INTEGER,

value NUMBER,

test\_date DATE

);

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CREATE TRIGGER trg\_test

AFTER INSERT ON Test

FOR EACH ROW

WHEN (NEW.value > 1000)

BEGIN

INSERT INTO Test\_audit

VALUES(:NEW.test\_id, :NEW.value, :NEW.test\_date);

END trg\_test;

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--- value <1000 (row get inserted to audit table also)

INSERT INTO Test VALUES (001, 2000, DATE '2021-02-01');

----------value >1000 (inserted only in test table)

INSERT INTO Test VALUES (002, 800, DATE '2021-03-06');

select \* from Test

select \* from Test\_audit

**OUTPUT:**

INSERT INTO Test VALUES (001, 2000, DATE '2021-02-01');

--- value <1000 (row get inserted to audit table also)



----------value >1000 (inserted only in test table)

INSERT INTO Test VALUES (002, 800, DATE '2021-03-06');

