**DB LAB 08**

**MOHAMMAD BASIL ALI KHAN**

**20K-0477**

CREATE TABLE PageRevision(

name VARCHAR(12),

adate DATE,

author VARCHAR(12),

text VARCHAR(50));



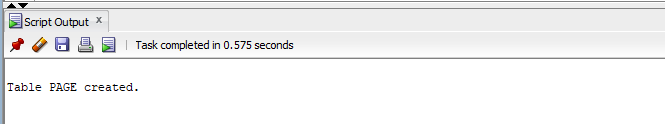
Question#01:

CREATE TABLE Page(

name VARCHAR(12),

last\_author VARCHAR(12),

text VARCHAR(50));



Question#02:

CREATE OR REPLACE TRIGGER page\_revision\_trigger

BEFORE UPDATE

ON PageRevision

FOR EACH ROW

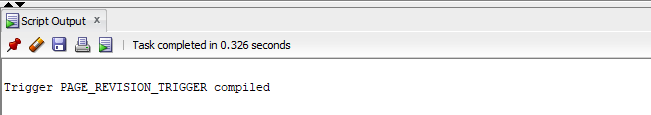
ENABLE

BEGIN

INSERT INTO Page

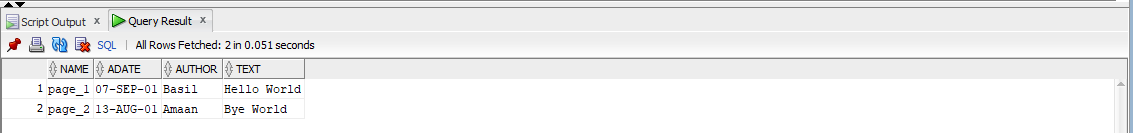
VALUES (:OLD.name, :Old.author, :OLD.text);

END;



SELECT \*

FROM PageRevision;



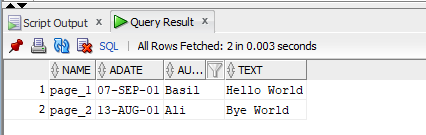
UPDATE PageRevision

SET author = 'Ali'

WHERE name = 'page\_2';

SELECT \*

FROM PageRevision;



SELECT \*

FROM Page;

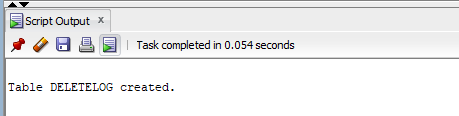


Question#03:

CREATE TABLE DeleteLog (

name VARCHAR(20),

adate DATE);



CREATE OR REPLACE TRIGGER delete\_log\_trigger

BEFORE DELETE

ON PageRevision

FOR EACH ROW

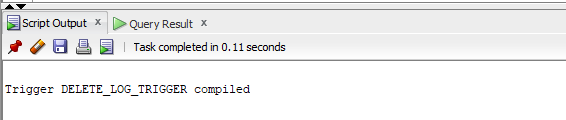
ENABLE

BEGIN

INSERT INTO DeleteLog

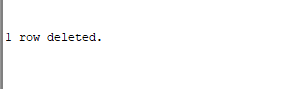
VALUES (:OLD.name, :OLD.adate);

END;



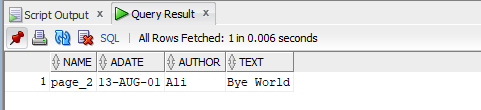
DELETE FROM PageRevision

WHERE name = 'page\_1';



SELECT \*

FROM PageRevision;



SELECT \*

FROM DeleteLog;

