CREATE TABLE STUDENTACADEMICDETAILS(

REGNO INT NOT NULL,

STUDENTNAME VARCHAR (20) NOT NULL,

AGE INT NOT NULL,

ADDRESS CHAR (25),

TOTALMARKS NUMBER,

PRIMARY KEY (REGNO));

INSERT INTO STUDENTACADEMICDETAILS(REGNO,STUDENTNAME,AGE,ADDRESS,TOTALMARKS)

VALUES (101,'aaaa',18,'asdfgh',1100);

INSERT INTO STUDENTACADEMICDETAILS (REGNO,STUDENTNAME,AGE,ADDRESS,TOTALMARKS)

VALUES (102, 'bbbb', 19, 'asdfghas',1150);

INSERT INTO STUDENTACADEMICDETAILS (REGNO,STUDENTNAME,AGE,ADDRESS,TOTALMARKS)

VALUES (103, 'cccc', 20, 'asdfasgh',1050);

SELECT \* FROM STUDENTACADEMICDETAILS;

CREATE OR REPLACE TRIGGER DISPLAY\_MARK\_CHANGES

BEFORE DELETE OR INSERT OR UPDATE ON STUDENTACADEMICDETAILS

FOR EACH ROW

WHEN (NEW.REGNO>0)

DECLARE

MARK\_DIFF NUMBER;

BEGIN

MARK\_DIFF := :NEW.TOTALMARKS - :OLD.TOTALMARKS ;

DBMS\_OUTPUT.PUT\_LINE('OLD MARK: ' || :OLD.TOTALMARKS );

DBMS\_OUTPUT.PUT\_LINE('NEW MARK: ' || :NEW.TOTALMARKS);

DBMS\_OUTPUT.PUT\_LINE('MARK DIFFERENCE: ' || MARK\_DIFF);

END;

UPDATE STUDENTACADEMICDETAILS

SET TOTALMARKS = TOTALMARKS + 50

WHERE REGNO = 101;