SQL> SELECT \* FROM E1;

ID NAME SALARY

---------- --------------- ----------

1 ALICE 50000

2 JOY 40000

3 ANNIE 45000

SQL> CREATE OR REPLACE TRIGGER EMP\_TRIG

2 BEFORE INSERT ON E1

3 FOR EACH ROW

4 WHEN (NEW.SALARY<35000)

5 BEGIN

6 RAISE\_APPLICATION\_ERROR(-20003,'Error: Salary cannot be LESS than 35000');

7 END;

8 /

Trigger created.

SQL> INSERT INTO E1 VALUES(4,'ALWIN',30000);

INSERT INTO E1 VALUES(4,'ALWIN',30000)

\*

ERROR at line 1:

ORA-20003: Error: Salary cannot be LESS than 35000

ORA-06512: at "SCOTT.EMP\_TRIG", line 2

ORA-04088: error during execution of trigger 'SCOTT.EMP\_TRIG'

SQL> INSERT INTO E1 VALUES(4,'ALWIN',40000);

1 row created.

SQL> SELECT \* FROM E1;

ID NAME SALARY

---------- --------------- ----------

1 ALICE 50000

2 JOY 40000

3 ANNIE 45000

4 ALWIN 40000

SQL> create or replace trigger EMP\_TRIG2

2 before update on E1

3 for each row

4 when (NEW.SALARY<OLD.SALARY)

5 Begin

6 raise\_application\_error(-20005,'Error:New salary cannot be less than original salaray');

7 End;

8 /

Trigger created.

SQL> UPDATE E1 SET SALARY=45000 WHERE ID=1;

UPDATE E1 SET SALARY=45000 WHERE ID=1

\*

ERROR at line 1:

ORA-20005: Error:New salary cannot be less than original salaray

ORA-06512: at "SCOTT.EMP\_TRIG2", line 2

ORA-04088: error during execution of trigger 'SCOTT.EMP\_TRIG2'

SQL> UPDATE E1 SET SALARY = 60000 WHERE ID=1;

1 row updated.

SQL> SELECT \* FROM E1;

ID NAME SALARY

---------- --------------- ----------

1 ALICE 60000

2 JOY 40000

3 ANNIE 45000

4 ALWIN 40000

SQL> create or replace trigger EMP\_TRIG3

2 before DELETE on E1

3 for each row

4 when (OLD.ID<3)

5 Begin

6 raise\_application\_error(-20,'Error:ID SHOULD NOT BE LESS THAN 1');

7 End;

8 /

Trigger created.

SQL> DELETE FROM E1 WHERE ID=2;

DELETE FROM E1 WHERE ID=2

\*

ERROR at line 1:

ORA-21000: error number argument to raise\_application\_error of -20 is out of

range

ORA-06512: at "SCOTT.EMP\_TRIG3", line 2

ORA-04088: error during execution of trigger 'SCOTT.EMP\_TRIG3'