CREATE TABLE ITEM\_DETAILS

(

ITEM\_ID number(10) primary key,

ITEM\_NAME varchar2(30),

TYPE varchar2(50),

PRICE\_IN\_DOLLAR number(10)

);

CREATE TABLE ORDER\_DETAILS

(

ORDER\_ID number(10) primary key,

ITEM\_ID number(10),

QUANTITY number(5),

ORDER\_DATE date,

STATUS varchar2(20)

);

CREATE OR REPLACE TRIGGER trg\_before\_item\_delete

BEFORE DELETE

  on item\_details

  FOR EACH ROW

DECLARE

pending\_orders number;

BEGIN

pending\_orders := 0;

-- Find pending orders

SELECT count(1) INTO pending\_orders FROM order\_Details WHERE item\_id = :OLD.item\_id AND STATUS = 'PENDING';

   -- Check whether any pending order exists or not

    IF (pending\_orders > 0) THEN

      RAISE\_APPLICATION\_ERROR(-20000,pending\_orders||' Pending orders found for this item. First COMPLETE or CANCEL the order and then delete.');

    END IF;

END;

/

INSERT INTO ITEM\_DETAILS VALUES (1,'Fidget Spinner','TOYS',10);

INSERT INTO ITEM\_DETAILS VALUES (2,'Radio','ELECTRONICS',15);

INSERT INTO ITEM\_DETAILS VALUES (3,'Toys Car','TOYS',25);

INSERT INTO ITEM\_DETAILS VALUES (4,'Mobile','ELECTRONICS',150);

INSERT INTO ORDER\_DETAILS VALUES (101,1,5,'10-JUN-2017','COMPLETED');

INSERT INTO ORDER\_DETAILS VALUES (102,2,2,'15-JUN-2017','CANCELLED');

INSERT INTO ORDER\_DETAILS VALUES (103,4,1,'17-JUN-2017','PENDING');

INSERT INTO ORDER\_DETAILS VALUES (104,4,1,'01-JUN-2017','COMPLETED');

DELETE FROM item\_details WHERE item\_id = 4;