

```
CREATE TABLE Lib_1(book_name VARCHAR2(25), status VARCHAR2(15));
```

```
INSERT INTO Lib_1 VALUES('DARK MATTER', 'AVAILABLE');
```

```
INSERT INTO Lib_1 VALUES('SILENT HILL', 'UNAVAILABLE');
```

```
INSERT INTO Lib_1 VALUES('GOD OF WAR', 'AVAILABLE');
```

```
INSERT INTO Lib_1 VALUES('SPIDER-MAN', 'UNAVAILABLE');
```

```
CREATE TABLE library_ad(  
    date_modified DATE,  
    book_name VARCHAR2(25),  
    old_status VARCHAR2(15),  
    new_status VARCHAR2(15),  
    action VARCHAR2(25)  
);
```

```
CREATE OR REPLACE TRIGGER Trig  
AFTER UPDATE OR DELETE OR INSERT ON Lib_1  
FOR EACH ROW  
BEGIN  
    IF UPDATING THEN  
        INSERT INTO library_ad VALUES (SYSDATE, :OLD.book_name, :OLD.status, :NEW.status,  
'UPDATE');  
    ELSIF INSERTING THEN  
        INSERT INTO library_ad VALUES (SYSDATE, :NEW.book_name, NULL, :NEW.status, 'INSERT');  
    ELSE  
        INSERT INTO library_ad VALUES (SYSDATE, :OLD.book_name, :OLD.status, NULL, 'DELETE');  
    END IF;  
END;  
/  
  
UPDATE Lib_1 SET status = 'PRE-ORDER' WHERE book_name = 'GOD OF WAR';
```

```
INSERT INTO Lib_1 VALUES('SPM', 'UNAVAILABLE');
```

```
UPDATE Lib_1 SET status = 'UNAVAILABLE' WHERE book_name = 'DARK MATTER';
```

```
DELETE FROM Lib_1 WHERE book_name = 'SILENT HILL';
```

```
SELECT * FROM Lib_1;
```

```
SELECT * FROM library_ad;
```