

ADDBMSaa

```
CREATE USER Students IDENTIFIED BY ADBMS
DEFAULT TABLESPACE USERS
QUOTA UNLIMITED ON USERS;
```

```
GRANT CREATE TABLE, CREATE VIEW, CREATESEQUENCE TO Students;
drop table book;
```

```
create table author(a_id number(10)primary key,a_name varchar2(20));
create table book(b_id number(10),b_namevarchar2(20), isbn
varchar2(20),editionvarchar2(20), c_id number(10),a_id number(10),primary
key(b_id,edition) );
create table category(c_id number(10)primary key,c_name varchar2(20));
alter table book add constraint fk_category foreignkey (c_id) references
category(c_id);
alter table book add constraint fk_author foreign key(a_id) references
author(a_id);
```

```
insert into author values('1?', 'J.K. Rowling');
insert into author values('2?', 'Stephenie Meyer');
insert into author values('3?', 'Dan Brown');
insert into author values('4?', 'Humayun Ahmed');
insert into author values('5?', 'Zafar Iqbal');
```

```
insert into category values('11', 'Fantasy');
insert into category values('22', 'Romance');
insert into category values('33', 'Thriller');
insert into category values('44', 'Anti-logic');
insert into category values('55', 'Science Fiction');
```

```
insert into book values('111?', 'HP...DeathlyHallows', '978-3-16-148410-
0?', '10', '11', '1?');
insert into book values('222?', 'Breaking Dawn', '979-3-16-148410-
0?', '10', '22', '2?');
insert into book values('333?', 'Origin', '980-3-16-148410-0?', '10', '33', '3?');
insert into book values('444?', 'Holud HimuKaloRAB', '981-3-16-148410-
0?', '10', '44', '4?');
insert into book values('555?', 'Obonil', '982-3-16-148410-0?', '10', '55', '5?');
```

```
CREATE OR REPLACE FUNCTION total_books
RETURN NUMBER
IS
    total NUMBER;
BEGIN
    SELECT COUNT(*) INTO total FROM book;
    RETURN total;
END;
/
```

```
CREATE OR REPLACE PROCEDURE update_edition AS
BEGIN
    UPDATE book SET edition = '20' WHERE edition = '10';
    DBMS_OUTPUT.PUT_LINE('Edition updated successfully!');
```

