

ADBMSaa

```
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!');
```

