```sql
CREATE TABLE Book (
        BookID          CHAR(3),
        BookName        VARCHAR2(60),
        BookPrice       NUMBER(6,2),
        BookAmount  NUMBER(3),
        CONSTRAINTS book_pk PRIMARY KEY(BookID)
);

CREATE TABLE Borrow (
        BorrowID        NUMBER(4),
        STDID CHAR(11),
        BookID          CHAR(3),
        BorrowDate      DATE,
        ReturnDate      DATE,
        CONSTRAINTS borrow_pk PRIMARY KEY(BorrowID),
        CONSTRAINTS borrow_to_student_std_fk FOREIGN KEY(STDID)
            REFERENCES Student(StdID),
        CONSTRAINTS borrow_to_student_bid_fk FOREIGN KEY(BookID)
            REFERENCES Book(BookID)
);

INSERT INTO Book (BookID,BookName,BookPrice,BookAmount)VALUES('B01','คู่มือเรียนการ
วิเคราะห์ระบบ','250','10');
INSERT INTO Book (BookID,BookName,BookPrice,BookAmount)VALUES('B02','คู่มือใช้งาน
PowerPoint','200','5');
INSERT INTO Book (BookID,BookName,BookPrice,BookAmount)VALUES('B03','คู่มือใช้งาน
Mac OS X','150','6');
INSERT INTO Book (BookID,BookName,BookPrice,BookAmount)VALUES('B04','Basic iOS App
Development','233','5');
INSERT INTO Book (BookID,BookName,BookPrice,BookAmount)VALUES('B05','Professional
ASP.NET Programming','200','4');
INSERT INTO Book (BookID,BookName,BookPrice,BookAmount)VALUES('B06','เรียน Database
อย่างไรให้ไร้ F','99','5');

INSERT INTO Borrow(BorrowID,STDID,BookID,BorrowDate,ReturnDate)
        values(1,'643020477-7','B01',now(),now()+INTERVAL 10 DAY);

INSERT INTO Borrow(BorrowID,STDID,BookID,BorrowDate,ReturnDate)
Values(1,'643020477-7','B01', TO_DATE('22/2/2022', 'DD/MM/YYYY'),
TO_DATE('25/2/2022', 'DD/MM/YYYY'));

INSERT INTO Borrow(BorrowID,STDID,BookID,BorrowDate,ReturnDate)
Values(2,'643020477-7','B02', TO_DATE('22/2/2022', 'DD/MM/YYYY'),
TO_DATE('25/2/2022', 'DD/MM/YYYY'));
```

```sql
INSERT INTO Borrow(BorrowID,STDID,BookID,BorrowDate,ReturnDate)
Values(3,'643020477-7','B03', TO_DATE('22/2/2022', 'DD/MM/YYYY'),
TO_DATE('25/2/2022', 'DD/MM/YYYY'));

INSERT INTO Borrow(BorrowID,STDID,BookID,BorrowDate,ReturnDate)
Values(4,'643020477-7','B04', TO_DATE('22/2/2022', 'DD/MM/YYYY'),
TO_DATE('25/2/2022', 'DD/MM/YYYY'));

INSERT INTO Borrow(BorrowID,STDID,BookID,BorrowDate,ReturnDate)
Values(5,'643020477-7','B05', TO_DATE('22/2/2022', 'DD/MM/YYYY'),
TO_DATE('25/2/2022', 'DD/MM/YYYY'));

INSERT INTO Borrow(BorrowID,STDID,BookID,BorrowDate,ReturnDate)
Values(5,'643020477-7','B05', TO_DATE('22/2/2022', 'DD/MM/YYYY'),
TO_DATE('25/2/2022', 'DD/MM/YYYY'));

INSERT INTO Borrow(BorrowID,STDID,BookID,BorrowDate,ReturnDate)
Values(6,'643020492-1','B02', TO_DATE('22/2/2022', 'DD/MM/YYYY'),
TO_DATE('25/2/2022', 'DD/MM/YYYY'));

INSERT INTO Borrow(BorrowID,STDID,BookID,BorrowDate,ReturnDate)
Values(7,'643020492-1','B03', TO_DATE('22/2/2022', 'DD/MM/YYYY'),
TO_DATE('25/2/2022', 'DD/MM/YYYY'));

INSERT INTO Borrow(BorrowID,STDID,BookID,BorrowDate,ReturnDate)
Values(8,'643020492-1','B04', TO_DATE('22/2/2022', 'DD/MM/YYYY'),
TO_DATE('25/2/2022', 'DD/MM/YYYY'));

INSERT INTO Borrow(BorrowID,STDID,BookID,BorrowDate,ReturnDate)
Values(9,'643020492-1','B05', TO_DATE('22/2/2022', 'DD/MM/YYYY'),
TO_DATE('25/2/2022', 'DD/MM/YYYY'));

INSERT INTO Borrow(BorrowID,STDID,BookID,BorrowDate,ReturnDate)
Values(10,'643020479-3','B03', TO_DATE('22/2/2022', 'DD/MM/YYYY'),
TO_DATE('25/2/2022', 'DD/MM/YYYY'));

INSERT INTO Borrow(BorrowID,STDID,BookID,BorrowDate,ReturnDate)
Values(11,'643020479-3','B04', TO_DATE('22/2/2022', 'DD/MM/YYYY'),
TO_DATE('25/2/2022', 'DD/MM/YYYY'));

INSERT INTO Borrow(BorrowID,STDID,BookID,BorrowDate,ReturnDate)
Values(12,'643020479-3','B05', TO_DATE('22/2/2022', 'DD/MM/YYYY'),
TO_DATE('25/2/2022', 'DD/MM/YYYY'));
```

```sql
INSERT INTO Borrow(BorrowID,STDID,BookID,BorrowDate,ReturnDate)
Values(13,'643020039-1','B04', TO_DATE('22/2/2022', 'DD/MM/YYYY'),
TO_DATE('25/2/2022', 'DD/MM/YYYY'));

INSERT INTO Borrow(BorrowID,STDID,BookID,BorrowDate,ReturnDate)
Values(14,'643020039-1','B05', TO_DATE('22/2/2022', 'DD/MM/YYYY'),
TO_DATE('25/2/2022', 'DD/MM/YYYY'));

CREATE VIEW LAB6_BookPrice AS
SELECT BookID,BookName,BookAmount,BookPrice,BookPrice*BookAmount as TotalPrice
FROM Book;

CREATE VIEW LAB6_BorrowDetail AS
SELECT student.stdid,stdfname,stdlname,book.BookName,BorrowDate
FROM Borrow,Student,book
Where Borrow.Stdid=Student.STDID
AND borrow.bookid=book.bookid
ORDER BY stdid,BorrowDate;

drop VIEW LAB6_BorrowDetail;

CREATE VIEW LAB6_StudentBorrow AS
SELECT student.stdid,stdfname,stdlname,COUNT(student.stdid) as Amount
FROM Borrow,Student
Where Student.STDID=Borrow.Stdid
GROUP by student.stdid,stdfname,stdlname
ORDER BY stdfname;


CREATE VIEW LAB6_BOOKBORROW AS
SELECT book.BookID,BookName,COUNT(borrow.bookid)as Amount
FROM Borrow,Book
Where borrow.bookid(+)=book.bookid
GROUP by book.BookID,BookName
ORDER BY book.BookID;

CREATE VIEW LAB6_BOOKBORROW AS
SELECT Borrow.BookID,BookName,COUNT(borrow.bookid)as Amount
FROM Borrow
join book ON borrow.bookid=book.bookid
GROUP by Borrow.BookID,BookName
ORDER BY Borrow.BookID;
```

```sql
drop VIEW LAB6_BOOKBORROW;




SELECT student.StdID,StdFName,StdLName,sum(Credit) as TotalCredit,count(student.stdid)
FROM Student,Register,Subject
where Student.StdID = Register.StdID
and Register.SubjCode = Subject.SubjCode
GROUP BY Student.StdID,StdFName,StdLName
ORDER BY Student.StdID ASC;


SELECT book.BookID,BookName,COUNT(borrow.bookid)as Amount
FROM Borrow,Book
Where borrow.bookid=book.bookid
GROUP by book.BookID,BookName
ORDER BY book.BookID;
```