

DOCUMENTS TO BE DELIVERED:  
 A) SQL SCRIPT WITH DDL INSERTS AND QUERIES TO  
 THE BOOKSHOP DATABASE

Inserts to tables:  
 use bookshop;

```
insert into Publisher (Publisherid, PublisherName, PublisherAddress,
PublisherPhone, URL) values(01, 'Penguin Random House',
'Luchana 23 Madrid Spain',535819,'http://www.penguinrandomhouse.com/');
insert into Publisher (Publisherid, PublisherName, PublisherAddress,
PublisherPhone, URL) values(02, 'Hachette Livre',50 Victoria
Embankment',227000, 'https://www.hachette.com/'); insert into Publisher
(Publisherid, PublisherName, PublisherAddress, PublisherPhone, URL)
values(03, 'HarperCollins','The News Building London Bridge
Street',2427737,'https://www.harpercollins.com/');
insert into Author values (01,'Cat Sebastian',9296 Henry St.
Auburndale FL 33823'); insert into Author values (02,'Lorraine
Heath',974 Broad Dr. Marcus Hook PA 19061'); insert into
Author values (03,'Jill Shalvis',187 Cherry Rd. Reston VA
20191'); insert into Author values (04,'Kevin Kwan',13 Locust
St. Round Lake IL 60073'); insert into Author values
(05,'Elisabeth Noreback',26 Rock Creek Dr. Tuscaloosa AL 35405');
insert into Author values (06,'Pamela Brown', '409 Santa Clara
Ave. Cedar Rapids IA 52402'); insert into Book (isbn, title,
year,price, publisherid, authorid) values ('9706279318','A Gentleman
Never Keeps Score',2018,384.00,03,01);
insert into Book (isbn, title, year,price, publisherid, authorid) values
('9728304828','Texas Glory',2015,94.50,03,02);
insert into Book (isbn, title, year,price, publisherid, authorid) values
('9702833373','Rainy day friends',2017,45.00,03,03);
insert into Book (isbn, title, year,price, publisherid, authorid) values
('9703859383','Crazy Rich Asians',2018,234.50,01,04);
insert into Book (isbn, title, year,price, publisherid, authorid) values
('9793937483','Tell me you are mine',2015,23.60,01,05);
insert into Book (isbn, title, year,price, publisherid, authorid) values
('9729473047','The spy and the traitor', 2010,200.00,01, 05);
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insert into Book (isbn, title, year,price, publisherid, authorid) values
('9703746264','Paradise Sky by Joe Lansdale',2016,145.00,02,06);
insert into Book (isbn, title, year,price, publisherid, authorid) values
('9739482733','Meet Camaro from The Night Charter',2010,165.99,02,06);
insert into Customer values ('emkw@mail.com','Karol
Wilson', 115099561, '75 Poplar Court Eugene OR 97402');
insert into Customer values ('rior@mail.com','Richard Orson', 45528305,
'33 Richardson Dr. Chandler AZ 85224');
insert into Customer values ('lowi@mail.com','Loraine Williams', 2211600,'8
Market St. Portsmouth VA 23703');
insert into Customer values ('sclu@mail.com','Scott Luka', 649373,'412
Pawnee Lane Kenosha, WI
53140');
insert into Warehouse values (01, 5393544,'530 Roosevelt Lane Hopewell
Junction NY 12533'); insert into Warehouse values (02,
9759583,'9592 Applegate Road Bedford OH 44146'); insert into
Warehouse values (03, 9958484,'21 Arch Ave. Grand Haven MI 49417');

insert into shoppingbasket values (01,'emkw@mail.com'); insert into
shoppingbasket values (02,'rior@mail.com'); insert into shoppingbasket values
(03,'lowi@mail.com'); insert into shoppingbasket values (04,'sclu@mail.com');

insert into shoppingbaskets_have_books values('9706279318',01,1); insert into
shoppingbaskets_have_books values('9703746264',01,1); insert into
shoppingbaskets_have_books values('9729473047',01,1);

insert into shoppingbaskets_have_books values('9739482733',02,1); insert into
shoppingbaskets_have_books values('9728304828',02,1); insert into
shoppingbaskets_have_books values('9702833373',02,2); insert into
shoppingbaskets_have_books values('9703859383',02,1);

insert into shoppingbaskets_have_books values('9793937483',03,1); insert into
shoppingbaskets_have_books values('9703859383',03,1); insert into
shoppingbaskets_have_books values('9702833373',03,1);

insert into shoppingbaskets_have_books values('9739482733',04,1); insert into
shoppingbaskets_have_books values('9702833373',04,1); insert into
shoppingbaskets_have_books values('9729473047',04,1); insert into
shoppingbaskets_have_books values('9793937483',04,1);

insert into warehouses_have_books (warehouse_code,Book_ISBN,count)
values(01,'9728304828',15);

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```

insert into warehouses_have_books (warehouse_code,Book_ISBN,count)
values(01,'9739482733',29);
insert into warehouses_have_books (warehouse_code,Book_ISBN,count)
values(01,'9729473047',151);

```

```

insert into warehouses_have_books (warehouse_code,Book_ISBN,count)
values(02,'9703859383',20); insert into warehouses_have_books
(warehouse_code,Book_ISBN,count) values(02,'9793937483',383);
insert into warehouses_have_books (warehouse_code,Book_ISBN,count)
values(02,'9706279318',293);

```

```

insert into warehouses_have_books (warehouse_code,Book_ISBN,count)
values(03,'9702833373',393);
insert into warehouses_have_books (warehouse_code,Book_ISBN,count)
values(03,'9729473047',38);
insert into warehouses_have_books (warehouse_code,Book_ISBN,count)
values(03,'9706279318',48);
insert into warehouses_have_books (warehouse_code,Book_ISBN,count)
values(03,'9739482733',29);

```

## **QUERIES**

### **1) Which book is being sell more right now?**

```

select book_isbn, title,sum(count) as maxbooks from book B,
shoppingbaskets_have_books SB where SB.book_isbn=B.isbn
group by book_isbn, title order by maxbooks desc
LIMIT 1

```

### **2) Which customer is buying more books?**

```

select maxnumber, Customer
from (select sum(count) as maxnumber, customerName as Customer
from customer C, shoppingbasket SB,shoppingbaskets_have_books SBB
where C.customerEmail=SB.customerEmail
and SB.shoppingBasketid=SBB.shoppingBasketid
group by customerName
order by maxnumber desc) mysums
LIMIT 1

```

### **3) Which warehouse has Texas Glory in stock?**

```

select code, warehouseAddress
from warehouse W, warehouses_have_books WB, book B
where W.code=WB.warehouse_code and WB.book_isbn =
B.isbn and title = 'Texas Glory'

```

### **4) Which author has more books on sell?**

```
select AuthorName, count(title) as numberbooks
from author A, book B where
A.authorid=B.authorid group by AuthorName
order by numberbooks desc
LIMIT 1
```

**5) Which publisher offers less books?**

```
select PublisherName, count(title) as numberofbooks
from Publisher P, Book B
where P.publisherid=B.publisherid group by
publisherName order by numberofbooks desc
LIMIT 1
```