B1

N 1) Create table Books (
BookID int Primary Key,
Title varchar(35),
Author varchar(35),
Price int,
PublishDate date);

Insert into Book values (
(101, 'The Alchemist', 'Paulo Coelho', 350, '2010-06-15')
(102, 'Atomic habits', 'James Clear', 450, '2018-10-16')
(103, 'Clean code', 'Robert Martin', 550, '2008-08-01')
(104, 'Think like a monk', 'Jay Shetty', 400, '2020-08-08')
(105, 'Python Crash Course', 'Eric Matthes', 500, '2019-05-10');

Create table Customer (
Cust_ID int Primary key,
Name varchar(20),
Email varchar(35),
JoinDate date);

Right (

Insert into customer values
(201, 'Arjun Rao', 'arjun@gmail.com', '2021-02-10'),
(202, 'Priya Nair', 'priya@yahoo.com', '2020-02-25'),
(203, 'John Smith', 'John@gmail.com', '2022-01-14'),
(204, 'Maria Lopez', 'maria@outlook.com', '2019-11-30');

Create table orders (
OrderID int Primary key,
CustID int,
BookID int,
OrderDate date
quantity int,
Foreign key (CustID) References Customer (CustID)
Foreign key (BookID) reference Book (BookID));

(303, 203, 105, '2022-05-20', 3),
(304, 204, 104, '2020-12-25', 1),
(305, 201, 103, '2021-11-18', 1);

1) Select UPPER(Name) from Customers;
2) Select Lower(Name) from Customers;
3) Select Substr(Title, 1, 3) from Books;
4) Select email from Customers like "@%";
4) Select email from customer where
5) Select len(Title) from Books.
6) Select replace(Title, 'Book', 'Text') from Book;
7) Select concat('Author' : 'Title') from Book;
8) Select Title & from Books where Author like '% a %';
9) Select year(PublishDate) from Book
10) Select monthName,
11) Select * FROM customers where year(JoinDate) = 2021;
12) Select Date(orderDate, '%W') from order;
13) Select title, year(curdate()) - year(PublishDate) from books;
14) Select name, datediff(curdate(), Joindate) from Customers;
15) Select * From orders where month(orderdate) = 12;
16) Select count(*) from books;
17) Select Avg(Price) from books
18) Select Max(Price), Min(Price) from books.
19) Select count(*) from customers where year(JoinDate) > 2020;
20) Select Sum(Quantity) from orders;

21) select custID, sum(quantity) from order group by custID;

22) select BookID, Avg(Quantity) from order group by BookID;

23) selett year(OrderDate), count(*) from order group by year(orderDate