

Answer the following questions by writing the SQL statements.

Q.1. Create 5 tables with the following properties by using SQL Statements: (3 points each)

Table Name	Field Name	Data Type
Author	AID	Number - Primary Key
	AName	Short Text (75)
	Salary	Number
Publisher	PID	Number - Primary Key
	PName	Short Text (75)
Book	BID	Number - Primary Key
	AID	Linked with Author AID
	PID	Linked with Publisher PID
	Title	Short Text (225)
	Price	Decimal (5,2)
Customer	CID	Number - Primary Key
	CName	Short Text (75)
Orders	OrderID	AutoNumber - Primary Key
	CID	Linked with Customer CID
	BID	Linked with Book BID
	OrderAmount	Number

1_1

1_2

1_3

1_4

1_5

Q.2. Insert data for each table as given below: (2 points each)

Table Name	Data
Author	AuthorData
Publisher	PublisherData
Book	BookData
Customer	CustomerData
Orders	OrdersData

2_1

2_2

2_3

2_4

2_5

Q.3. Who doesn't have a book in the table "Book"? Write the SQL statement to get the answer. (5 points)

Q.4. The book namely "Lolita" is written by the author you found in previous question. Write the SQL statement to assign that book to him/her. (5 points)

Q.5. Who has more than 2 books? (5 points)

Q.6. Add Deniz Çelikel to the table “Author” with the following particulars: (5 points)

AID	AName	Salary
444	Deniz Çelikel	10000

Q.7. Add the following book to the table “Book” with the following particulars. You should fill the ungiven information AID and PID: (5 points)

BID	AID	PID	Title	Price
444			Marka Hukukunda Avrupa Birliği Adalet Divanı Kararları ve Yorumu	11,10

Q.8. Add the following order to the table “Orders” with the following particulars: (5 points)

CID	BID	OrderAmount
2218022	444	5

Q.9. Who has ordered “Death of the Black Widow”? (Only the name of the customer(s) is asked!): (5 points)

Q.10. Who has ordered “The Brothers Karamazov” and “Heart of Darkness”? (Only the name of the customer(s) is asked!): (5 points)

Q.11. List the “TotalPrice” of each book in the table “Orders”. (TotalPrice= OrderAmount*Price) (5 points)

Q.12. List the total amount of the orders for each book? (5 points)

Q.13. Find the number of each book that each author has written? (5 points)

Q.14. Find the number of orders for each author including the authors has no order? (10 points)

Q.16. Find all books that the prices are more than 12 and less than 40. (Only the titles of the books should be listed) (10 points)

END OF THE PROJECT

Thank you for your cooperation. Bonus questions 15 & 17 are separated.