Question 1

```
112
113     -- Queries
114
115     -- 1. Retrieve the book title, category, and rental price of all available books
116     SELECT Book_title, Category, Rental_Price
117     FROM Books
118     WHERE Status = 'yes';
119
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Book_title	Category	Rental_Price
The Adventures of Sherlock Holmes	Mystery	35.00
A History of the World in 100 Objects	History	40.00
Mastering the Art of French Cooking	Cooking	28.00
The Pragmatic Programmer	Technology	55.00
The Great Gatsby	Literature	22.00

Question 2

```
119
120     -- 2. List the employee names and their respective salaries in descending order of salary
121     SELECT Emp_name, Salary
122     FROM Employee
123     ORDER BY Salary DESC;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Emp_name	Salary
Sarah Johnson	65000.00
John Smith	60000.00
Emily Davis	45000.00
Jane Doe	35000.00
Michael Brown	30000.00

Result Grid

Form Editor

Question 3

```
124
125  -- 3. Retrieve the book titles and the corresponding customers who have issued those book
126  SELECT b.Book_title, c.Customer_name
127  FROM Books b
128  JOIN IssueStatus i ON b.ISBN = i.ISBN_book
129  JOIN Customer c ON i.Issued_cust = c.Customer_Id;
130
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Emp_name	Salary
Sarah Johnson	65000.00
John Smith	60000.00
Emily Davis	45000.00
Jane Doe	35000.00
Michael Brown	30000.00

Result Grid | Form Editor

Question 4

```
130
131  -- 4. Display the total count of books in each category
132  SELECT Category, COUNT(*) AS Total_books
133  FROM Books
134  GROUP BY Category;
135
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Category	Total_books
Mystery	1
History	1
Science	1
Cooking	1
Technology	1
Literature	1

Question 5

```
134     GROUP BY Category;
135
136     -- 5. Retrieve the employee names and their positions for the employees whose salaries a
137     SELECT Emp_name, Position
```

```
141     -- 6. List the customer names who registered before 2022-01-01 and have not issued any b
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Emp_name	Position
John Smith	Manager
Sarah Johnson	Manager

Question 6

```
140
141     -- 6. List the customer names who registered before 2022-01-01 and have not issued any bo
142     SELECT Customer_name
143     FROM Customer
144     WHERE Reg_date < '2022-01-01'
145     AND Customer_Id NOT IN (SELECT Issued_cust FROM IssueStatus);
146
147
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Customer_name

QUESTION 7

```
145     AND Customer_Id NOT IN (SELECT Issued_cust FROM IssueStatus);
146
147     -- 7. Display the branch numbers and the total count of employees in each branch
148     SELECT Branch_no, COUNT(*) AS Employee_count
149     FROM Employee
150     GROUP BY Branch_no;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Branch_no	Employee_count
1	2
2	2
3	1

QUESTION 8

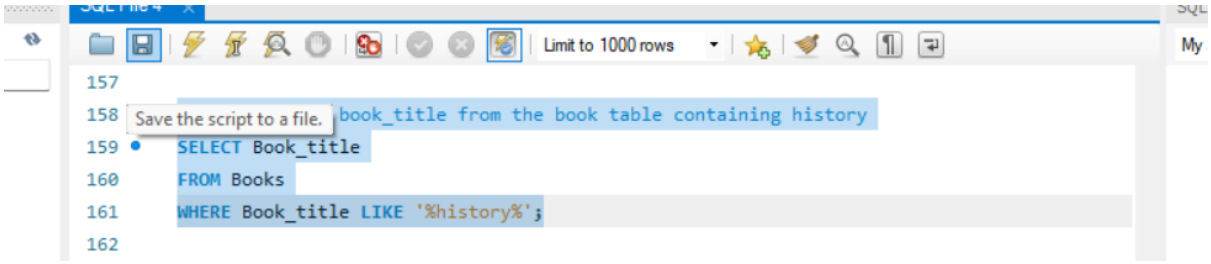
Limit to 1000 rows

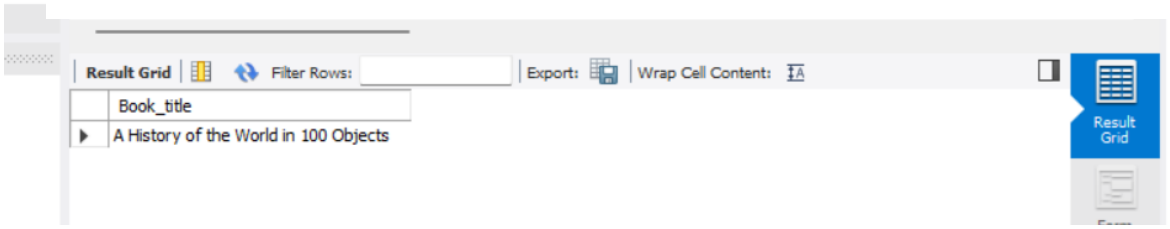
```
151
152     -- 8. Display the names of customers who have issued books in the month of June 2023
153     SELECT DISTINCT c.Customer_name
154     FROM Customer c
155     JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust
156     WHERE MONTH(i.Issue_date) = 6 AND YEAR(i.Issue_date) = 2023;
157
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

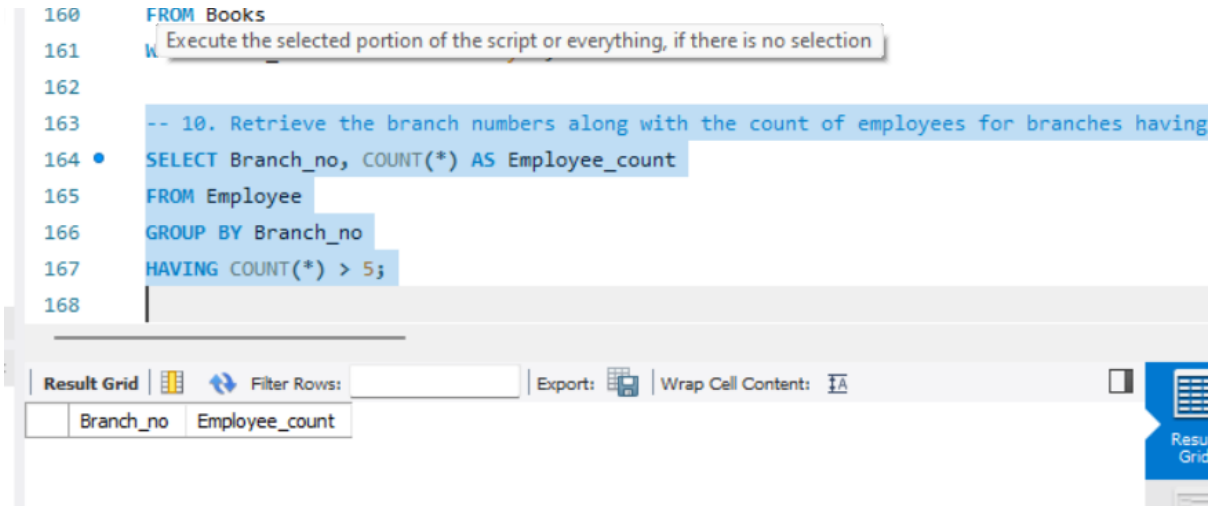
Customer_name
Charlie Brown

Question 9

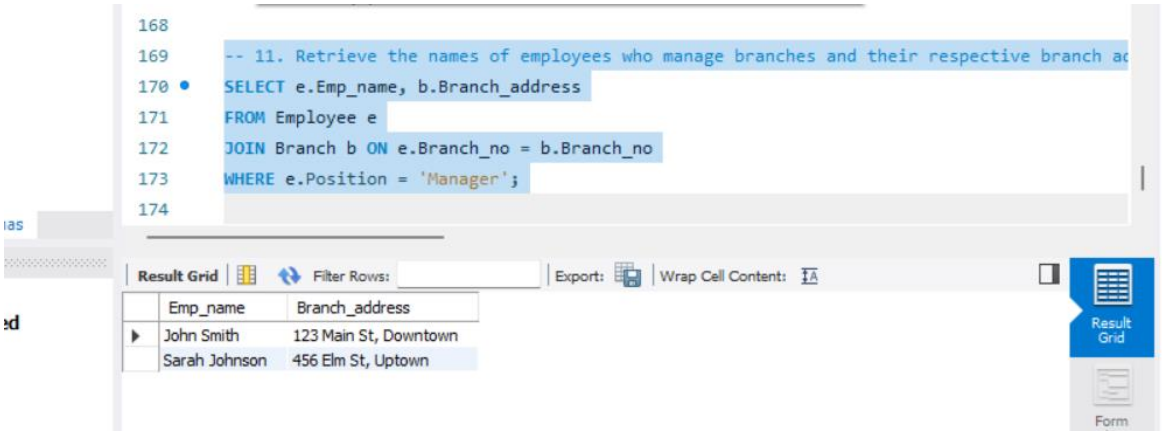




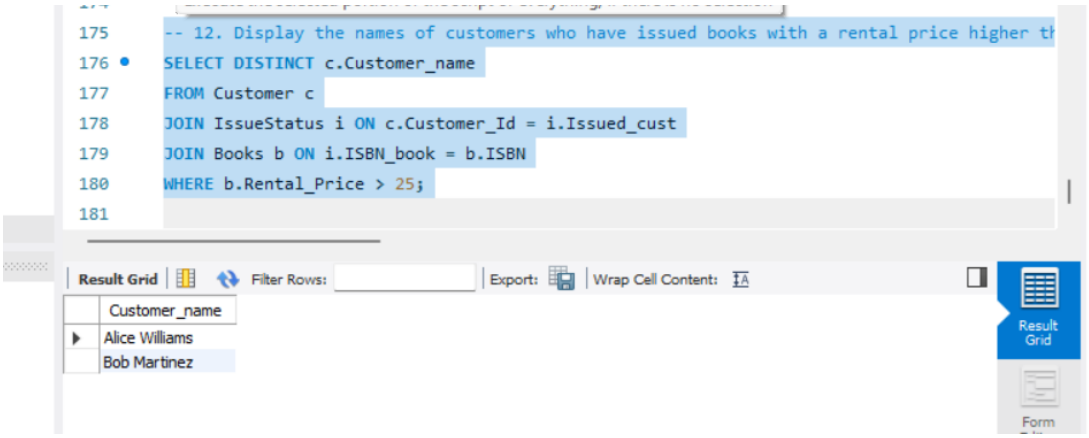
Question 10



Question 11



Question 12


175 -- 12. Display the names of customers who have issued books with a rental price higher th
176 SELECT DISTINCT c.Customer_name
177 FROM Customer c
178 JOIN IssueStatus i ON c.Customer_Id = i.Issued_cust
179 JOIN Books b ON i.ISBN_book = b.ISBN
180 WHERE b.Rental_Price > 25;
181
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
Customer_name
Alice Williams
Bob Martinez
Result Grid
Form