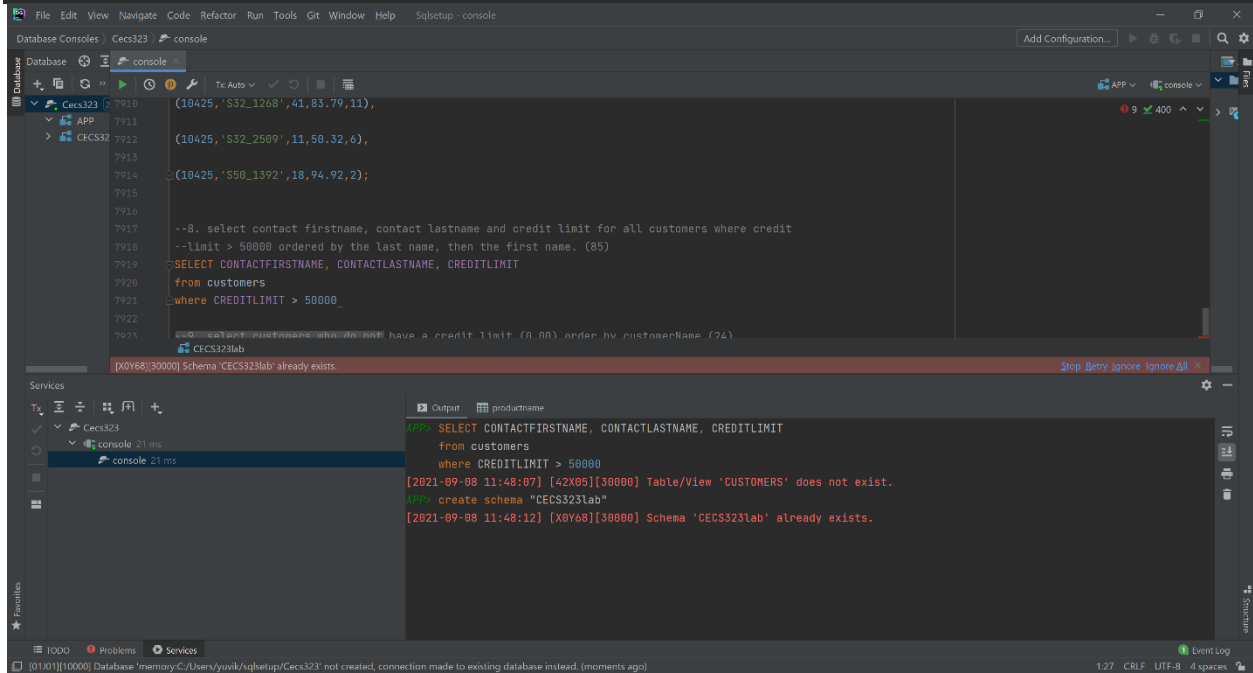


SQL practice problem outputs:

```
8. select contact firstname, contact lastname and credit limit for all
customers where credit
--limit > 50000 ordered by the last name, then the first name. (85)
SELECT CONTACTFIRSTNAME, CONTACTLASTNAME, CREDITLIMIT
from customers
where CREDITLIMIT > 50000
```



The screenshot shows the SQL Studio interface. The query editor contains the following SQL code:

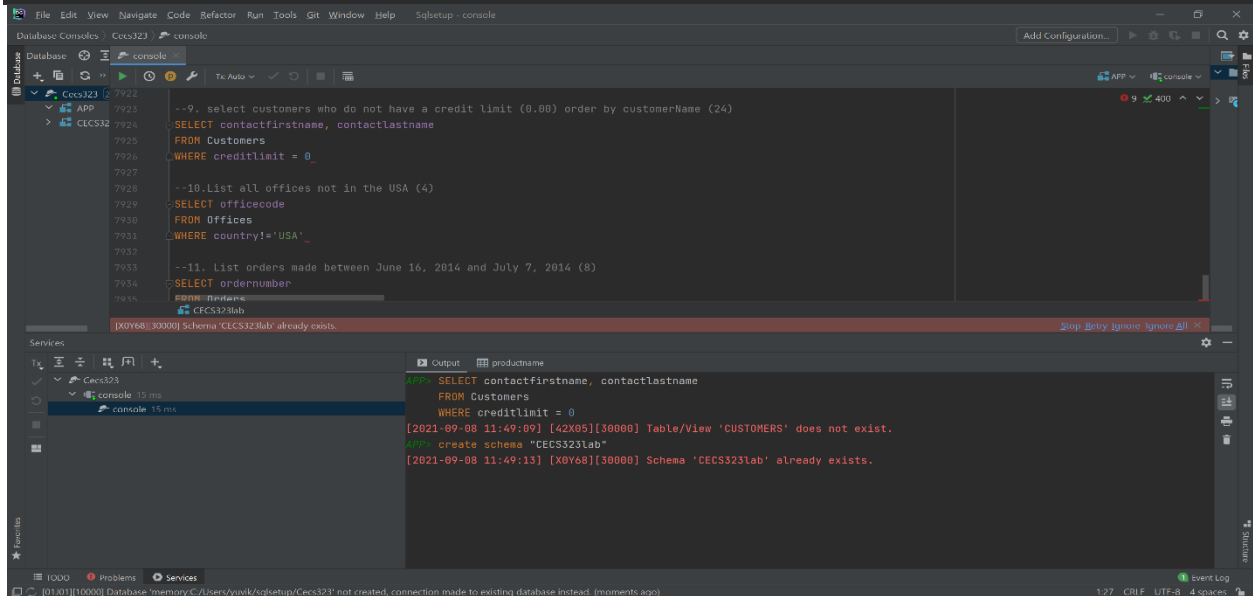
```
--8. select contact firstname, contact lastname and credit limit for all customers where credit
--limit > 50000 ordered by the last name, then the first name. (85)
SELECT CONTACTFIRSTNAME, CONTACTLASTNAME, CREDITLIMIT
from customers
where CREDITLIMIT > 50000
```

The query is executed, and the output is displayed in the Output pane:

```
[2021-09-08 11:48:07] [42X05][30000] Table/View 'CUSTOMERS' does not exist.
create schema "CECS323lab"
[2021-09-08 11:48:12] [X0Y68][30000] Schema 'CECS323lab' already exists.
```

The Services pane shows the execution of the query, indicating that the schema 'CECS323lab' already exists.

```
9. select customers who do not have a credit limit (0.00) order by
customerName (24)
SELECT contactfirstname, contactlastname
FROM Customers
WHERE creditlimit = 0
```



The screenshot shows the SQL Studio interface. The query editor contains the following SQL code:

```
--9. select customers who do not have a credit limit (0.00) order by customerName (24)
SELECT contactfirstname, contactlastname
FROM Customers
WHERE creditlimit = 0
```

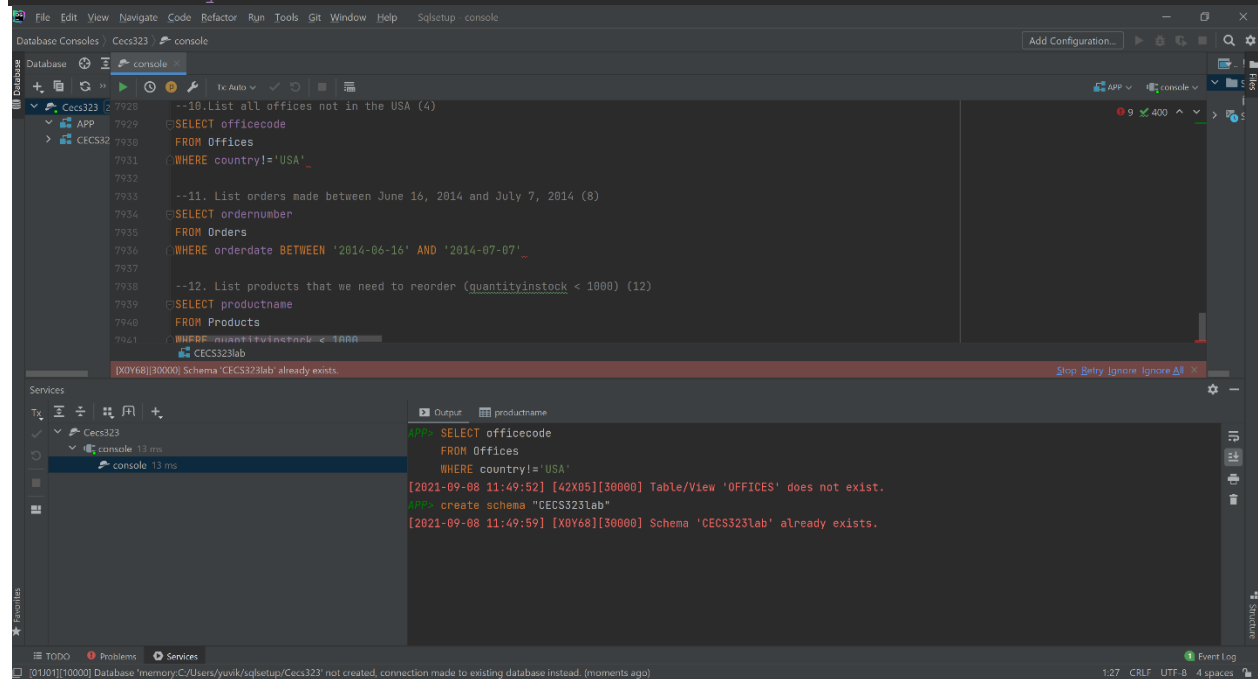
The query is executed, and the output is displayed in the Output pane:

```
[2021-09-08 11:49:09] [42X05][30000] Table/View 'CUSTOMERS' does not exist.
create schema "CECS323lab"
[2021-09-08 11:49:13] [X0Y68][30000] Schema 'CECS323lab' already exists.
```

The Services pane shows the execution of the query, indicating that the schema 'CECS323lab' already exists.

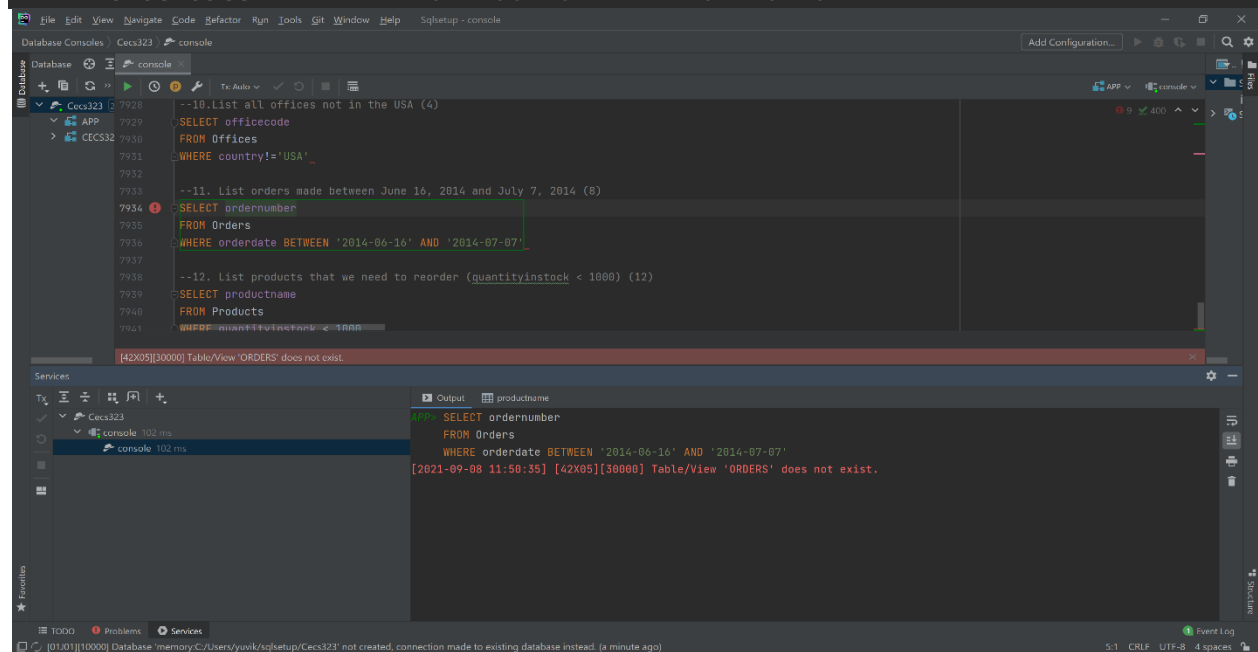
10. List all offices not in the USA (4)

```
SELECT officecode
FROM Offices
WHERE country!='USA'
```



11. List orders made between June 16, 2014 and July 7, 2014 (8)

```
SELECT ordernumber
FROM Orders
WHERE orderdate BETWEEN '2014-06-16' AND '2014-07-07'
```

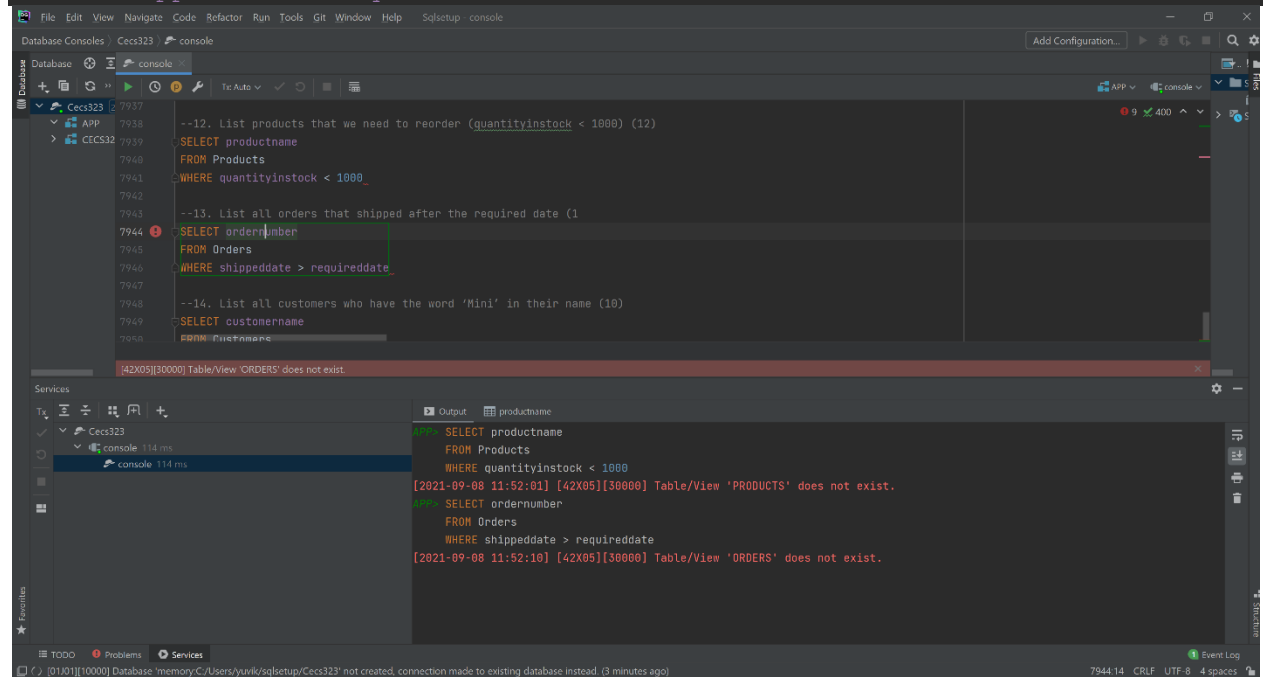


```
12, 13 --12. List products that we need to reorder (quantityinstock < 1000) (12)
```

```
SELECT productname
FROM Products
WHERE quantityinstock < 1000
```

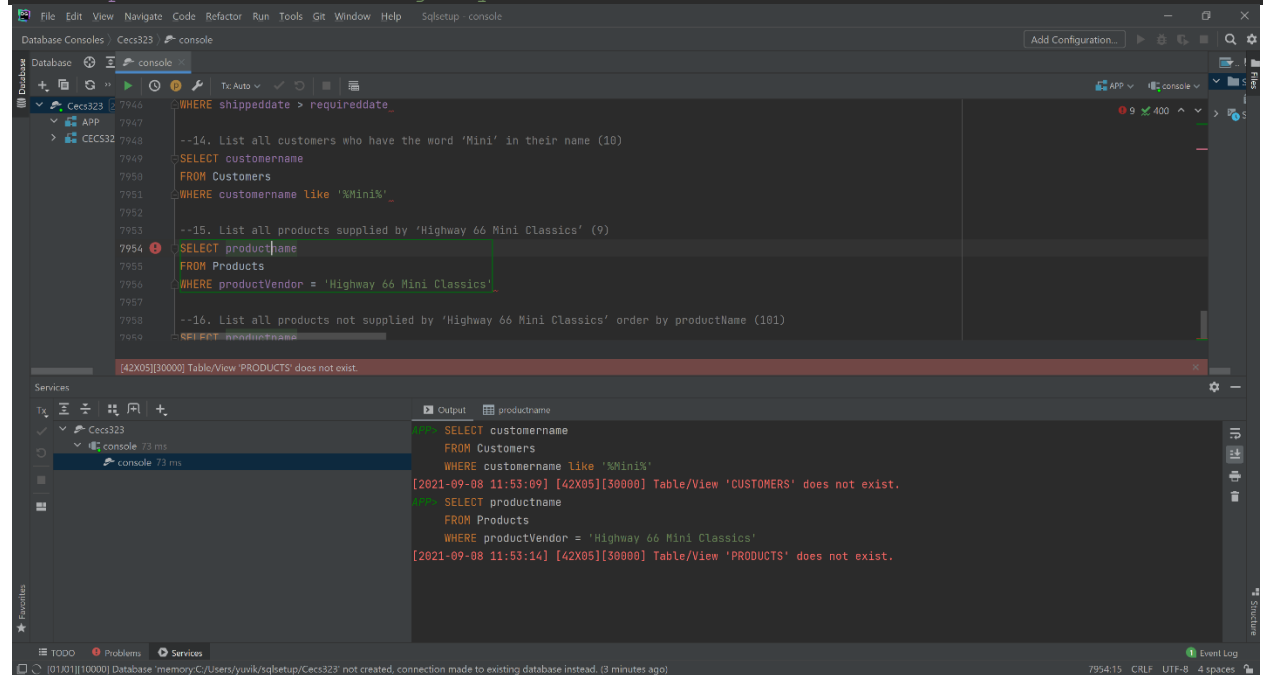
```
--13. List all orders that shipped after the required date (1
```

```
SELECT ordernumber
FROM Orders
WHERE shippeddate > requireddate
```



```
14,15. --14. List all customers who have the word 'Mini' in their name (10)
SELECT customername
FROM Customers
WHERE customername like '%Mini%'

--15. List all products supplied by 'Highway 66 Mini Classics' (9)
SELECT productname
FROM Products
WHERE productVendor = 'Highway 66 Mini Classics'
```



16,17--16. List all products not supplied by 'Highway 66 Mini Classics' order by productName (101)

```
SELECT productname
FROM Products
WHERE productvendor != 'Highway 66 Mini Classics'
```

--17. List all employees that don't have a manager (1

```
SELECT employeeNumber, firstname, lastname
FROM Employees
WHERE reportsto IS NULL
```

The screenshot shows an IDE with a dark theme. The top toolbar includes icons for File, Edit, View, Navigate, Code, Refactor, Run, Tools, Git, Window, and Help. Below the toolbar is a menu bar with options like Database, Console, and Add Configuration. The main editor area displays two SQL queries. The first query is for products not supplied by 'Highway 66 Mini Classics', and the second is for employees without a manager. The output pane at the bottom shows the execution results of these queries, including error messages indicating that the tables 'PRODUCTS' and 'EMPLOYEES' do not exist. The status bar at the bottom indicates the database connection and the current file's encoding and line count.

```
--16. List all products not supplied by 'Highway 66 Mini Classics' order by productName (101)
SELECT productname
FROM Products
WHERE productvendor != 'Highway 66 Mini Classics'

--17. List all employees that don't have a manager (1
SELECT employeeNumber, firstname, lastname
FROM Employees
WHERE reportsto IS NULL

--/*140101 SET SQL_MODE=@OLD_SQL_MODE */;
--/*140014 SET FOREIGN_UNIQUE_CHECKS=@OLD_FOREIGN_UNIQUE_CHECKS */;
```

[42X05][30000] Table/View 'EMPLOYEES' does not exist.

Output productname

```
SELECT productname
FROM Products
WHERE productvendor != 'Highway 66 Mini Classics'
[2021-09-08 11:53:45] [42X05][30000] Table/View 'PRODUCTS' does not exist.
SELECT employeeNumber, firstname, lastname
FROM Employees
WHERE reportsto IS NULL
[2021-09-08 11:53:49] [42X05][30000] Table/View 'EMPLOYEES' does not exist.
```

Database: Cec323 console

Services

Output

productname

SELECT productname

FROM Products

WHERE productvendor != 'Highway 66 Mini Classics'

[2021-09-08 11:53:45] [42X05][30000] Table/View 'PRODUCTS' does not exist.

SELECT employeeNumber, firstname, lastname

FROM Employees

WHERE reportsto IS NULL

[2021-09-08 11:53:49] [42X05][30000] Table/View 'EMPLOYEES' does not exist.

Event Log

79648 CRUF UTF-8 4 spaces