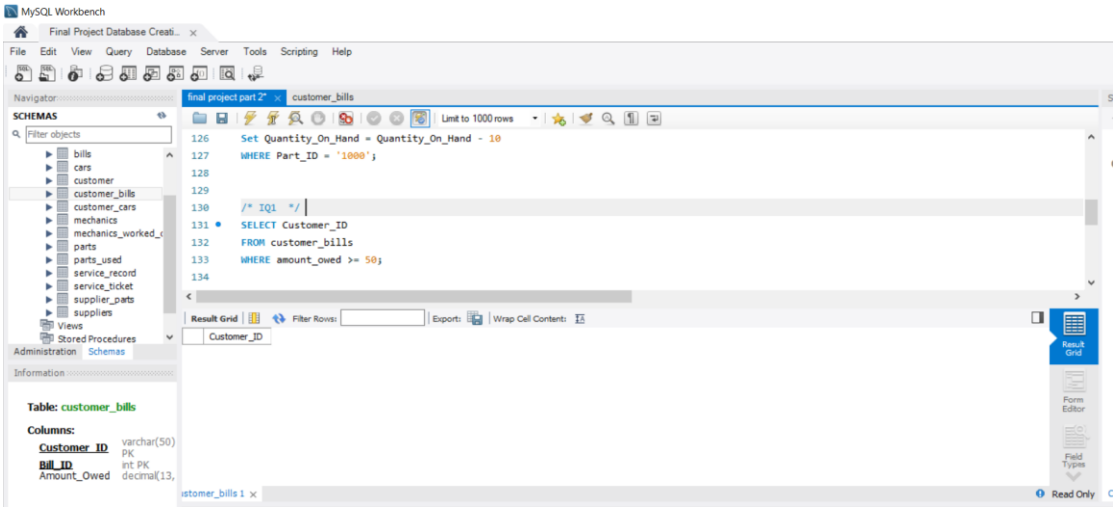
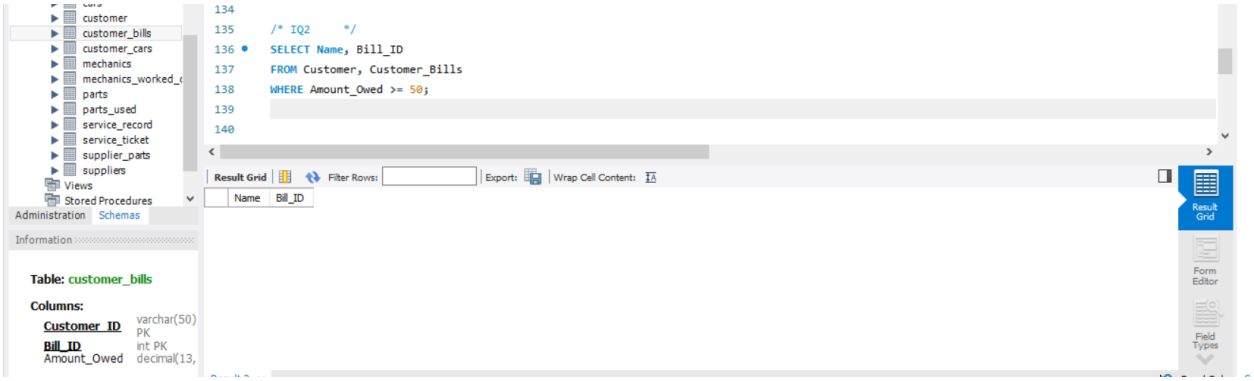
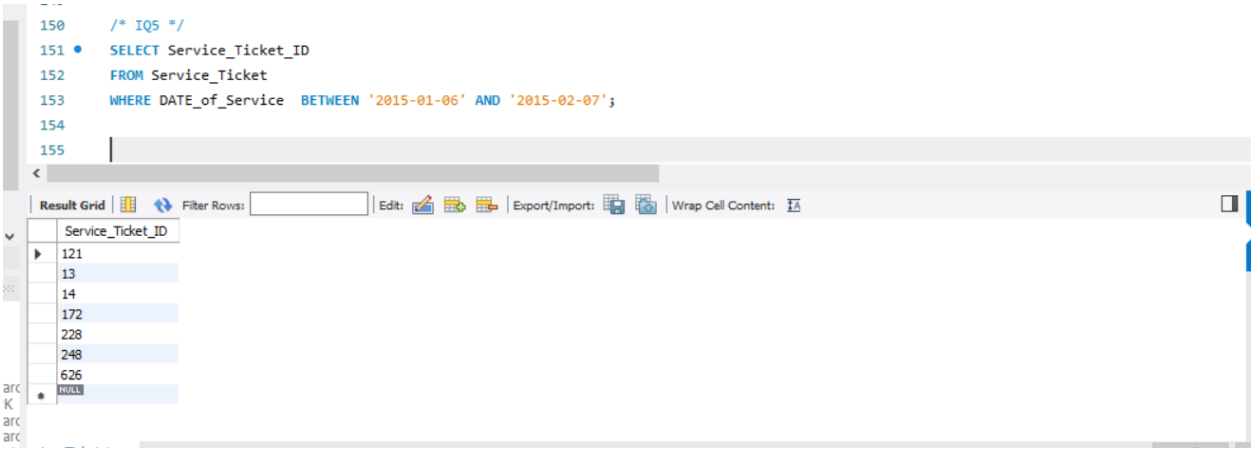
IQ1 –


MySQL Workbench
Final Project Database Creati...
File Edit View Query Database Server Tools Scripting Help
Navigator:
SCHEMAS
Filter objects
bills
cars
customer
customer_bills
customer_cars
mechanics
mechanics_worked_
parts
parts_used
service_record
service_ticket
supplier_parts
suppliers
Views
Stored Procedures
Administration Schemas
Information
Table: customer_bills
Columns:
Customer_ID varchar(50) PK
Bill_ID int PK
Amount_Owed decimal(13,
final project part 2*
customer_bills
Limit to 1000 rows
126 Set Quantity_On_Hand = Quantity_On_Hand - 10
127 WHERE Part_ID = '1000';
128
129
130 /* IQ1 */
131 SELECT Customer_ID
132 FROM customer_bills
133 WHERE amount_owed >= 50;
134
Result Grid Filter Rows: Export: Wrap Cell Content:
Customer_ID
Result Grid
Form Editor
Field Types
Read Only

IQ2 –


customer
customer_bills
customer_cars
mechanics
mechanics_worked_
parts
parts_used
service_record
service_ticket
supplier_parts
suppliers
Views
Stored Procedures
Administration Schemas
Information
Table: customer_bills
Columns:
Customer_ID varchar(50) PK
Bill_ID int PK
Amount_Owed decimal(13,
134
135 /* IQ2 */
136 SELECT Name, Bill_ID
137 FROM Customer, Customer_Bills
138 WHERE Amount_Owed >= 50;
139
140
Result Grid Filter Rows: Export: Wrap Cell Content:
Name Bill_ID
Result Grid
Form Editor
Field Types

IQ5-


150 /* IQ5 */
151 SELECT Service_Ticket_ID
152 FROM Service_Ticket
153 WHERE DATE_of_Service BETWEEN '2015-01-06' AND '2015-02-07';
154
155
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
Service_Ticket_ID
121
13
14
172
228
248
626
NULL

IQ6 –

```
154
155     /* IQ6 */
156 •   SELECT Service_Ticket_ID, Labor_Cost + Parts_Cost as Total_Cost
157     FROM Service_Record
158     WHERE Service_Ticket_ID = 121 or 13 or 14 or 172 or 228 or 248 or 626;
159
```

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

Service_Ticket_ID	Total_Cost
178	172.00
248	236.40
172	383.80
14	59.00
121	183.00
178	516.00
248	37.00
248	187.50
283	100.00
626	85.00

Result 3 | Read Only

IQ8 –

```
161 •   SELECT Part_ID, Max(Quantity_Used)  as Highest_In_Demand
162     FROM Parts_used;
163
164
165
```

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

Part_ID	Highest_In_Demand
785	6

IQ9 –

```
165     /* IQ9  */
166 •   SELECT MIN(Bill_Total) as Smallest_Bill, MAX(Bill_Total) As Largest_Bill,  AVG(Bill_Total) as Average_Bill
167     FROM Bills;
168
```

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

Smallest_Bill	Largest_Bill	Average_Bill
59.00	688.00	297.666667