

Local instance 3306

Administration Schemas

SCHEMAS

Filter objects

AirCargo

- Tables
 - customer
 - passengers_on_fli...
 - Columns
 - Indexes
 - Foreign Keys
 - Triggers
 - route_details
 - ticket_details
 - Views
 - Stored Procedures
 - Functions
- sys

Object Info Session

No object selected

```
1 • create database AirCargo;
2 • use AirCargo;
3
4
5 • ##Q2.
6 CREATE TABLE routes (
7     route_id int NOT NULL,
8     flight_num int NOT NULL,
9     origin_airport varchar(3) NOT NULL,
10    destination_airport varchar(100) NOT NULL,
11    aircraft_id varchar(100) NOT NULL,
12    distance_miles int NOT NULL,
13    PRIMARY KEY (route_id),
14    CONSTRAINT Flight_number_check CHECK ((substr(flight_num,1,2) = 11)),
15    CONSTRAINT routes_chk_1 CHECK ((distance_miles > 0))
16 );
17
18 • ##Q3.
19 select customer_id from pof
20 where route_id between 1 and 25;
21
22 • ##Q4.
23 select count(customer_id) as number_of_passengers ,sum(Price_per_ticket*no_of_tickets) as revenue from ticket_details
24 #where class_id='Bussiness';
25 group by (class_id)
```

100% 9:150

Action Output

Time	Action	Response	Duration / Fetch Time
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SQL Editor Opened.

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```
21 • ##Q4.
22 select count(customer_id) as number_of_passengers ,sum(Price_per_ticket*no_of_tickets) as revenue from ticket_details
23 #where class_id='Bussiness';
24 group by (class_id)
25 having class_id='Bussiness';
26
27 • ##Q5.
28
29 select concat(first_name,' ',last_name) as full_name from customer;
30
31 • ##Q6
32
33 select distinct c.customer_id, c.first_name, c.last_name
34 from customer c
35 join ticket_details t using (customer_id)
36 where no_of_tickets = 1
37 order by c.customer_id desc;
38
39 • ##Q7.
40 select c.customer_id, c.first_name, c.last_name from customer c
41 join ticket_details t using (customer_id)
42 where brand='Emirates'
43 order by c.customer_id desc;
44
```

100% 9:150

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```

45 ##Q8.
46 • select c4.customer_id, c4.first_name, c4.last_name
47 from customer c4
48 JOIN passengers_on_flight p4 USING(customer_id)
49 GROUP BY c4.customer_id, c4.first_name, c4.last_name
50 HAVING SUM(p4.class_id="Economy Plus")>0;
51
52 ##Q9.
53
54 • select if(sum(no_of_tickets*Price_per_ticket)>10000, 'Revenue Crosses 10000', 'Revenue less than 10000') AS 'REVENUE STATUS'
55 from ticket_details;
56
57 ##Q10.
58
59 • CREATE USER new_user IDENTIFIED by 'new123';
60 • GRANT ALL PRIVILEGES ON aviation .* TO new_user;
61 • FLUSH privileges;
62
63 ##Q11.
64
65 • select *,
66 MAX(Price_per_ticket) OVER (partition by class_id) AS MAX_TICKET_PRICE
67 from ticket_details;
68

```

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```

69 ##Q12.
70
71 • select * from passengers_on_flight
72 WHERE route_id=4;
73
74 ##Q13.
75
76 • select p5.customer_id, p5.aircraft_id, sum(t5.no_of_tickets * t5.Price_per_ticket) AS "Total Price"
77 from passengers_on_flights p5
78 JOIN ticketdetails t5 using(customer_id)
79 GROUP BY p5.customer_id, p5.aircraft_id WITH ROLLUP;
80
81 ##Q14.
82
83 • select customer_id, brand
84 from ticket_details
85 WHERE class_id='Bussiness';
86
87 ##Q15.
88
89 • select customer_id, brand
90 from ticket_details
91 WHERE class_id='Bussiness';
92

```

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```
93 #Q16.
94
95 DELIMITER &&
96 • CREATE PROCEDURE getAllDetails(IN start_route int, IN end_route int)
97 BEGIN
98     select * from passengers_on_flight
99     WHERE route_id BETWEEN start_route AND end_route;
100 END &&
101 DELIMITER ;
102 • CALL getAllDetails(1,14);
103
104 #17.
105
106 DELIMITER &&
107 • CREATE PROCEDURE getAllRoutes()
108 BEGIN
109     select * from routes
110     WHERE distance_miles >2000;
111 END &&
112 DELIMITER ;
113 • CALL getAllRoutes();
114
115 #18.
116
```

100% 9:150

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```
104 #17.
105
106 DELIMITER &&
107 • CREATE PROCEDURE getAllRoutes()
108 BEGIN
109     select * from routes
110     WHERE distance_miles >2000;
111 END &&
112 DELIMITER ;
113 • CALL getAllRoutes();
114
115 #18.
116
117 DELIMITER &&
118 • CREATE PROCEDURE getCategories()
119 BEGIN
120     select flight_num,distance_miles,
121     CASE
122     WHEN distance_miles BETWEEN 0 AND 2000 THEN "Short Distance"
123     WHEN distance_miles BETWEEN 2001 AND 6500 THEN "Intermediate"
124     ELSE "Long Distance"
125     END AS "Category"
126     from routes;
127 END &&
```

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127

END

128

DELIMITER ;

129

CALL getCategories();

130

131

#19

132

133

DELIMITER

134

CREATE PROCEDURE getComplementaryServiceDetails()

135

BEGIN

136

select p_date,customer_id,class_id,

137

CASE

138

WHEN class_id = "Bussiness" THEN "YES"

139

WHEN class_id = "Economy Plus" THEN "YES"

140

ELSE "NO"

141

END AS "Complimentary Services"

142

from ticketdetails;

143

END

144

DELIMITER ;

145

146

#20.

147

148

select * from customer

149

where last_name = 'Scott'

150

LIMIT 1;

100%

9:150

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