Part 2.4 - Course Project: SQL Queries

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4.

a. -- All future flights in the system
 SELECT * FROM flight WHERE departure_date > CURRENT_DATE OR
 (departure_date = CURRENT_DATE AND departure_time >
 CURRENT TIME);

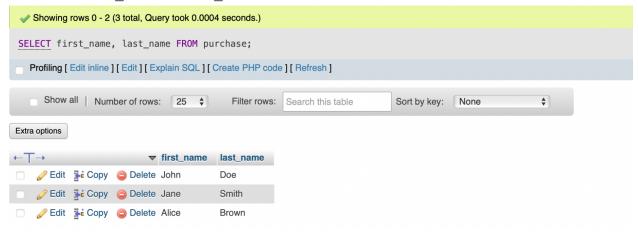
airline_name	departure_airpo	arrival_airport		assigned_airpla	flight_num	departure_date	departure_time	arrival_date	arrival_time	base_price_tick	flight_status
	rt		ne_airline	neID						et	
Jet Blue	HYD	JFK	Jet Blue	B6623	JB302	2023-11-09	20:30:00	2023-11-10	05:00:00	800	canceled
Jet Blue	PVG	HYD	Jet Blue	B6623	JB404	2023-11-10	23:00:00	2023-11-11	02:30:00	900	delayed
Jet Blue	JFK	PVG	Jet Blue	B6623	JB607	2023-11-12				950	canceled
United	HYD	PVG	United	UA448	UA506	2023-11-11	15:30:00	2023-11-12	08:45:00	1100	on_time
United	PVG	HYD	United	UA002	UA708	2023-11-13	22:15:00	2023-11-14	03:40:00	1150	delayed

b. -- Show all the delayed flights in the system
 SELECT * FROM flight WHERE flight status = "delayed";

airline_name	departure_airpo	arrival_airport		assigned_airpla	flight_num	departure_date	departure_time	arrival_date	arrival_time	base_price_tick	flight_status
	rt		ne airline	neID						et	
Jet Blue	PVG	HYD	Jet Blue	B6623	JB404	2023-11-10	23:00:00	2023-11-11	02:30:00	900	delayed
United	PVG	JFK	United	UA002	UA204	2023-11-07	13:00:00	2023-11-07	19:30:00	1200	delayed
United	PVG	HYD	United	UA002	UA708	2023-11-13	22:15:00	2023-11-14	03:40:00	1150	delaved

- c. -- Customer names who bought the tickets
 - -- Query if the question means customer names on the ticket.

SELECT first name, last name FROM purchase;



-- Query if the customer names in the question means - names in customer table who might have purchased the ticket (for someone else in certain cases).

SELECT c.first_name, c.last_name
FROM purchase p, customer c

WHERE p.email_id = c.email_id;



d. -- Airplanes owned by Jet Blue
 SELECT airplaneID FROM airplane WHERE airline_name = "Jet
 Blue";

Showing rows 0 - 0 (1 total, Q	uery took 0.0003 seconds.)
SELECT airplaneID FROM ai	irplane WHERE airline_name = "Jet Blue";
Profiling [Edit inline] [Edit] [E	Explain SQL] [Create PHP code] [Refresh]
Show all Number of row	/s: 25 \$ Filter rows: Search this table
Extra options	
← T→ Belit Lopy Delete	airplaneID