

github link: https://github.com/SirapoomL/2110503_2022_2_SW_DEV_PRAC_VACO/tree/assignment8

[2 points] เขียน SQL และ capture หน้าจอผลลัพธ์เพื่อแสดงข้อมูลทั้งหมดของ president ที่เข้าสู่ตำแหน่งตั้งแต่ปี 1988 เป็นต้นไป

```
45 rows in set (0.4194 sec)
MySQL [l6glqt8gsx37y4hs.cbetxkdyhwsb.us-east-1.rds.amazonaws.com:3306 ssl goxyyo08c0ei7zmk SQL] > SELECT * FROM president
-> WHERE presi_yearofnomination >= 1998;

+-----+-----+-----+-----+-----+-----+-----+-----+
| presi_num | presi_birthdate | presi_birthplace | presi_firstname | presi_lastname | presi_yearofnomination | presi_lastyearinoffice | presi_education |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 43 | July 6, 1946 | CT | George | W. Bush | 2001 | 2009 | Yale University |
| 44 | August 4, 1961 | HI | Barack | Obama | 2009 | 2017 | Harvard Law School |
| 45 | June 14, 1946 | NY | Donald | Trump | 2017 | null | Wharton School of the University of Pennsylvania |
+-----+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.2545 sec)
MySQL [l6glqt8gsx37y4hs.cbetxkdyhwsb.us-east-1.rds.amazonaws.com:3306 ssl goxyyo08c0ei7zmk SQL] > 
```

```
>= 1998;

+-----+-----+-----+-----+-----+-----+-----+-----+
| presi_num | presi_birthdate | presi_birthplace | presi_firstname | presi_lastname | presi_yearofnomination | presi_lastyearinoffice | presi_education |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 43 | July 6, 1946 | CT | George | W. Bush | 2001 | 2009 | Yale University |
| 44 | August 4, 1961 | HI | Barack | Obama | 2009 | 2017 | Harvard Law School |
| 45 | June 14, 1946 | NY | Donald | Trump | 2017 | null | Wharton School of the University of Pennsylvania |
+-----+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.2545 sec)
MySQL [l6glqt8gsx37y4hs.cbetxkdyhwsb.us-east-1.rds.amazonaws.com:3306 ssl goxyyo08c0ei7zmk SQL] > 
```

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[2 points] เขียนSQL และ capture หน้าจอผลลัพธ์เพื่อแสดงข้อสตรีหมายเลข 1 ที่ขึ้นต้นด้วย M แล้วลงท้ายด้วย a

```
3 rows in set (0.2492 sec)
MySQL [16glqt8gsx37y4hs.cbetxkdyhwsb.us-east-1.rds.amazonaws.com:3306 ssl goxyyo08c0ei7zmk SQL] > select firstlady_firstname from firstlady where firstlady_firstname like 'M%a';
+-----+
| firstlady_firstname |
+-----+
| Martha              |
| Martha              |
| Melania              |
+-----+
3 rows in set (0.2477 sec)
MySQL [16glqt8gsx37y4hs.cbetxkdyhwsb.us-east-1.rds.amazonaws.com:3306 ssl goxyyo08c0ei7zmk SQL] >
```

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[2 points] เขียน SQL และ capture หน้าจอผลลัพธ์เพื่อแสดงรัฐเกิดของสตรีหมายเลข 1 และจำนวนสตรีหมายเลข 1 โดยต้องเป็นรัฐที่ขึ้นต้นด้วย N

```
MySQL 16glqt8gsx37y4hs.cbetxkdyhwsb.us-east-1.rds.amazonaws.com:3306 ssl goxyyo08c0ei7zmk SQL > select firstlady_birthplace,sum(1) as lady_count from firstlady
-> where firstlady_birthplace like 'N%' group by firstlady_birthplace;
-> ^C
```

firstlady_birthplace	lady_count
NC	1
NY	8
NJ	1
NH	1
NY.	1
NV	1

```
6 rows in set (0.2535 sec)
MySQL 16glqt8gsx37y4hs.cbetxkdyhwsb.us-east-1.rds.amazonaws.com:3306 ssl goxyyo08c0ei7zmk SQL >
```

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[2 points] เขียน SQL และ capture หน้าจอผลลัพธ์เพื่อแสดงนามสกุลประธานาธิบดี และ ชื่อสตรีหมายเลข 1

```
45 rows in set (0.2478 sec)
MySQL [16glqt8gsx37y4hs.cbetxkdyhwsb.us-east-1.rds.amazonaws.com:3306 ssl goxyyo08c0ei7zmk SQL] > select president.presi_lastname, firstlady.firstlady_firstname
-> from president inner join firstlady on president.firstlady_num = firstlady.firstlady_num;
```

presi_lastname	firstlady_firstname
Washington	Martha
Adamas	Abigail
Jefferson	Martha
Madison	Dolley
Monroe	Elizabeth
Q. Adams	Louisa
Jackson	Sarah
V. Buren	Sarah
H. Harrison	Anna
Tyler	Letitia
K. Polk	Sarah
Taylor	Margaret
Fillmore	Abigail
Pierce	Jane
Buchanan	Harriet
Lincoln	Mary
Johnson	Eliza
S. Grant	Julia
Hayes	Lucy
A. Garfield	Lucretia
Arthur	Mary
Cleveland	Rose
Harrison	Caroline
Cleveland	Frances
McKinley	Ida
Roosevelt	Edith
H. Taft	Helen
Wilson	Edith
G. Harding	Florence
Coolidge	Grace
Hoover	Lou
D. Roosevelt	Eleanor
S. Truman	Elizabeth
D. Eisenhower	Mamie
F. Kennedy	Jacqueline
B. Johnson	Claudia
Nixon	Catherine
Ford	Elizabeth
Carter	Rosalynn
Reagan	Nancy
H.W. Bush	Barbara
Clinton	Hillary
W. Bush	Laura
Obama	Michelle
Trump	Melania

```
45 rows in set (0.2494 sec)
MySQL [16glqt8gsx37y4hs.cbetxkdyhwsb.us-east-1.rds.amazonaws.com:3306 ssl goxyyo08c0ei7zmk SQL] >
```

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capture Postman Screen หลังส่ง request เพื่อ get all VacCenters.

The screenshot displays the Postman application interface. The top navigation bar includes 'Home', 'Workspaces', 'API Network', and 'Explore'. The main workspace is titled 'My Workspace' and contains a collection named 'VacQ'. Within 'VacQ', there is a folder 'Hospitals' which contains several API requests. The selected request is 'GET Get Vaccine Centers', which is a GET request to the endpoint '((URL))/api/v1/hospitals/vacCenters'. The request is configured with 'Query Params' and 'Headers (8)'. The response is displayed in the 'Body' tab, showing a JSON array of vaccine center information. The status bar at the bottom indicates a successful response with status 200 OK, time 56 ms, and size 633 B.

Request Details:

- Method: GET
- URL: ((URL))/api/v1/hospitals/vacCenters
- Query Params:

Key	Value	Description
Key	Value	Description

Response Body (JSON):

```
[{"id": {"type": "Buffer", "data": [52, 101, 51, 56, 98, 102, 48, 101, 45, 99, 56, 101, 98, 45, 49, 49, 101, 100, 45, 98, 48, 98, 52, 45, 55, 56, 102, 50, 57, 101, 102, 54, 99, 50, 53, 101]}, "name": "central changwattana", "tel": "02-7936000"}, {"id": {"type": "Buffer", "data": [55, 48, 98, 48, 54, 51, 101, 99, 45, 99, 56, 101, 98, 45, 49, 49, 101, 100, 45, 98, 48, 98, 52, 45, 55, 56, 102, 50, 57, 101, 102, 54, 99, 50, 53, 101]}, "name": "central ladproa", "tel": "02-7936000"}]
```