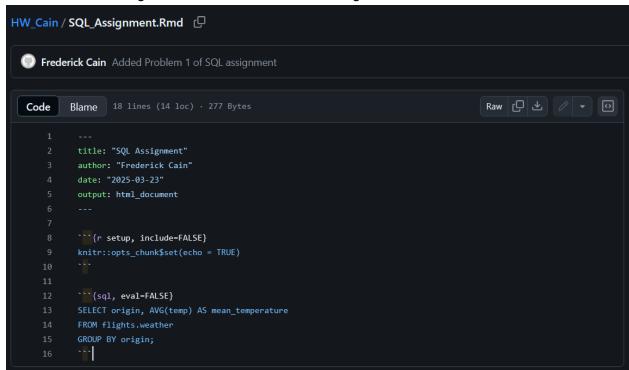
Fred started the assignment and sent me his work on github



We worked together on the second two problems

Input and output for 1-3

1)

```
● SELECT origin, AVG(temp) AS mean_temperature
FROM flights.weather
GROUP BY origin;

O AZ origin ▼ 123 mean_temperature ▼
```

```
    Az origin
    123 mean_temperature

    1
    JFK
    54.4721502412

    2
    LGA
    55.7626050999

    3
    EWR
    55.5465525167
```

2)

```
PWITH daily_counts AS (
SELECT origin, day, COUNT(*) AS flights_per_day
FROM flights
WHERE month = 1
GROUP BY origin, day
)
SELECT origin, AVG(flights_per_day) AS avg_flights_per_day
FROM daily_counts
GROUP BY origin;
```

0	A-Z origin 🔻	123 avg_flights_per_day
1	JFK	295.5161290323
2	EWR	319.1290322581
3	LGA	256.4516129032

3)

```
# WITH ranked_destinations AS (
    SELECT
    origin,
    dest,
    COUNT(*) AS flight_count,
    RANK() OVER (PARTITION BY origin ORDER BY COUNT(*) DESC) AS rank
## FROM flights.flights
## GROUP BY origin, dest
## OF SELECT origin, dest, flight_count
## FROM ranked_destinations
## WHERE rank = 1;
```

	0	^Z origin ▼	^{A-Z} dest ▼	123 flight_count	
1		JFK	LAX	11,262	
2		EWR	ORD	6,100	
3		LGA	ATL	10,263	