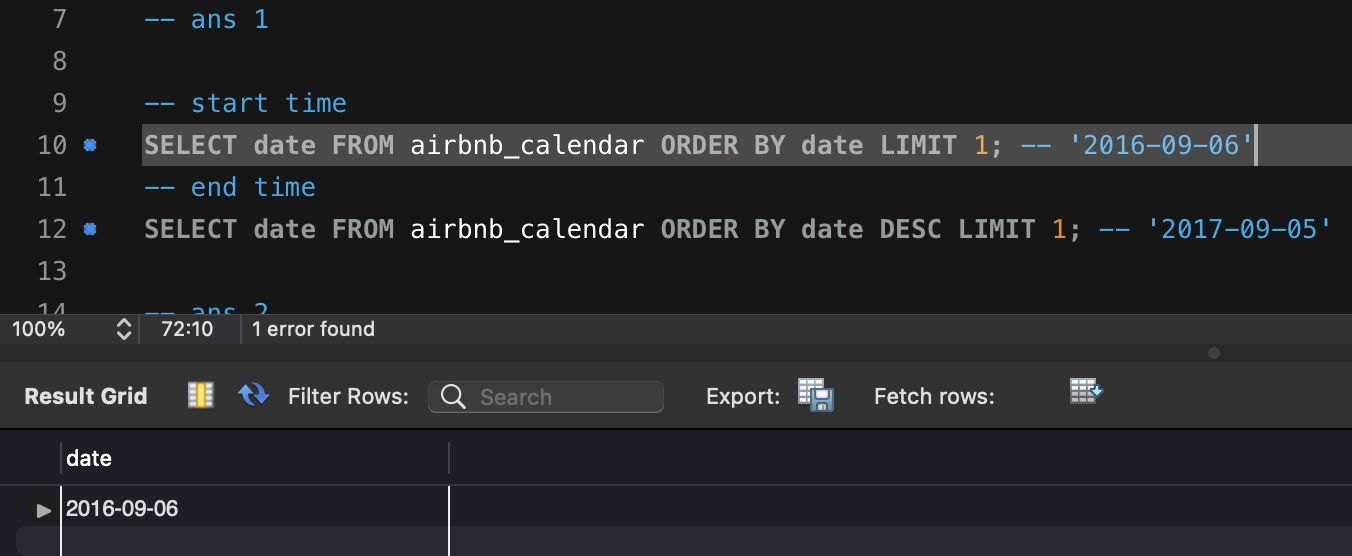
Ans 1.

**SELECT date FROM airbnb\_calendar ORDER BY date LIMIT 1;**

**SELECT date FROM airbnb\_calendar ORDER BY date DESC LIMIT 1;**



Ans 2.

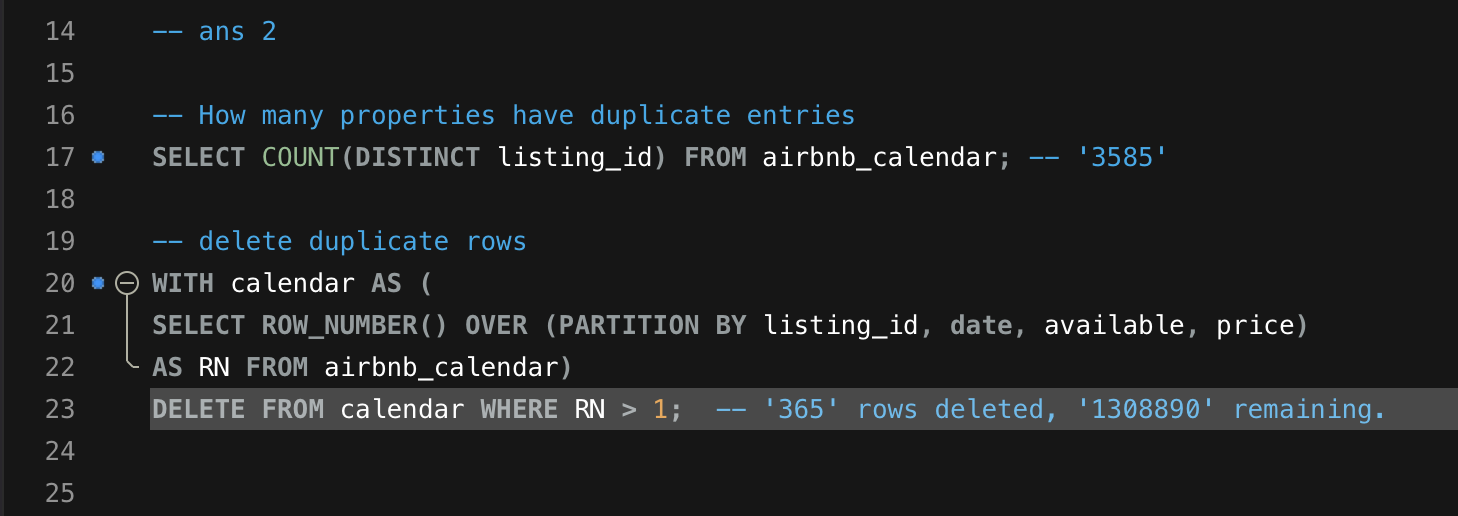
**SELECT COUNT(DISTINCT listing\_id) FROM airbnb\_calendar;**

**WITH calendar AS (**

**SELECT ROW\_NUMBER() OVER (PARTITION BY listing\_id, date, available, price)**

**AS RN FROM airbnb\_calendar)**

**DELETE FROM calendar WHERE RN > 1;**

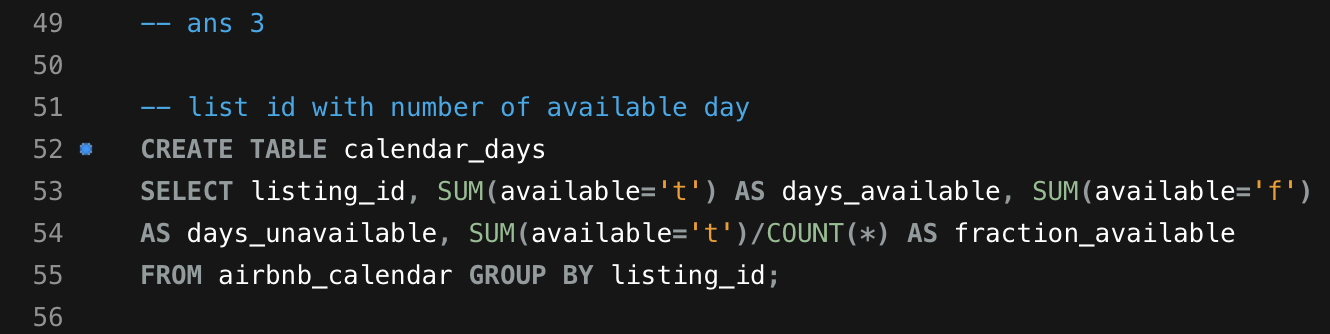
****

Ans 3.

**SELECT listing\_id, SUM(available='t') AS days\_available, SUM(available='f')**

**AS days\_unavailable, SUM(available='t')/COUNT(\*)**

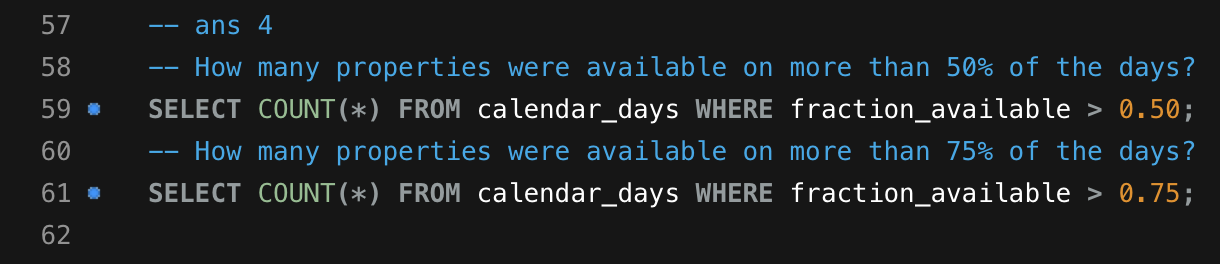
**FROM airbnb\_calendar GROUP BY listing\_id;**



Ans 4.

**SELECT COUNT(\*) FROM calendar\_days WHERE fraction\_available > 0.50; – '1732'**

**SELECT COUNT(\*) FROM calendar\_days WHERE fraction\_available > 0.75; – '1429'**



Ans 5.

**CREATE TABLE calendar\_prices\_helper**

**SELECT listing\_id, CAST(SUBSTRING(price,2,10) AS DECIMAL(10,2)) AS prices**

**FROM airbnb\_calendar WHERE price!='';**

**CREATE TABLE calendar\_prices SELECT listing\_id, MAX(prices) AS max,**

**MIN(prices) AS min, ROUND(AVG(prices),2) AS avg**

**FROM calendar\_prices\_helper GROUP BY listing\_id;**

**SELECT listing\_id, avg FROM calendar\_prices WHERE avg>500;**

