1)

----

select ticket\_no,flight\_id from bookings.boarding\_passes

union

select ticket\_no,flight\_id from bookings.ticket\_flights

---

select \* from bookings.ticket\_flights tf

left join bookings.tickets t using(ticket\_no)

2)

select \* from bookings.flights f where status = 'Arrived' order by actual\_arrival desc limit 20

3)

select a.aircraft\_code,a.model,count(\*) as cnt from bookings.aircrafts a

left join bookings.flights f using(aircraft\_code)

group by aircraft\_code

order by cnt desc

4)

select \* from bookings.aircrafts a

left join bookings.flights f using(aircraft\_code)

left join bookings.airports dep on (f.departure\_airport=dep.airport\_code)

left join bookings.airports ariv on (f.arrival\_airport=ariv.airport\_code)

5)

CREATE OR REPLACE VIEW bookings.arrived

AS SELECT f.flight\_id,

f.flight\_no,

f.scheduled\_departure,

f.scheduled\_arrival,

f.departure\_airport,

f.arrival\_airport,

f.status,

f.aircraft\_code,

f.actual\_departure,

f.actual\_arrival

FROM bookings.flights f

WHERE f.status::text = 'Arrived'::text

ORDER BY f.actual\_arrival DESC

LIMIT 20;

6)

import psycopg2

conn = psycopg2.connect(

host="localhost",

database="demo",

user="postgres",

password="dlddm434dcldss")

cur = conn.cursor()

cur.execute("SELECT \* FROM bookings.arrived")

rows = cur.fetchall()

print("The number of rows: ", cur.rowcount)

for row in rows:

print(row)

cur.close()