**Додаток Ж**

**Результат виконання PostgreSQL запитів**

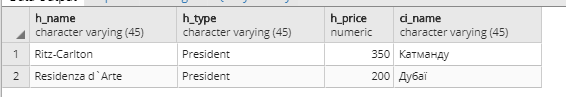
*select h\_name,h\_type,h\_price,ci\_name*

*from hotels*

*Left join city on city.ci\_id\_city = hotels.city*

*left join accommodation\_type on hotels.accommodation\_type = accommodation\_type.a\_id\_accommodation\_type*

*where h\_price between 200 and 450;*



*select c\_id\_client,c\_surname,c\_name,f\_name,f\_city\_of\_departure,f\_date\_time\_of\_departure*

*from tours*

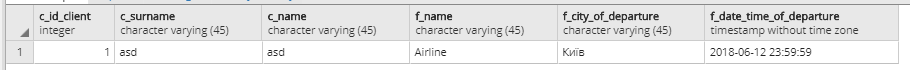
*join sales on tours.ts\_id\_tours = sales.tours*

*join flights on flights.f\_id\_flights = tours.flights*

*join client on client.c\_id\_client = sales.client*

*where c\_id\_client = (select f\_id\_flights from flights*

*where f\_name = 'Airline' and f\_date\_time\_of\_departure = '2018-07-24');*



*select ts\_id\_tours,t\_type\_of\_tour,f\_name,f\_city\_of\_departure,f\_date\_time\_of\_departure,f\_city\_arrives,*

*case*

*when ts\_price between 50 and 250 then 'low class'*

*when ts\_price between 250 and 500 then 'middle class'*

*when ts\_price between 500 and 1100 then 'high class'*

*when ts\_price > 500 then 'vip class'*

*end*

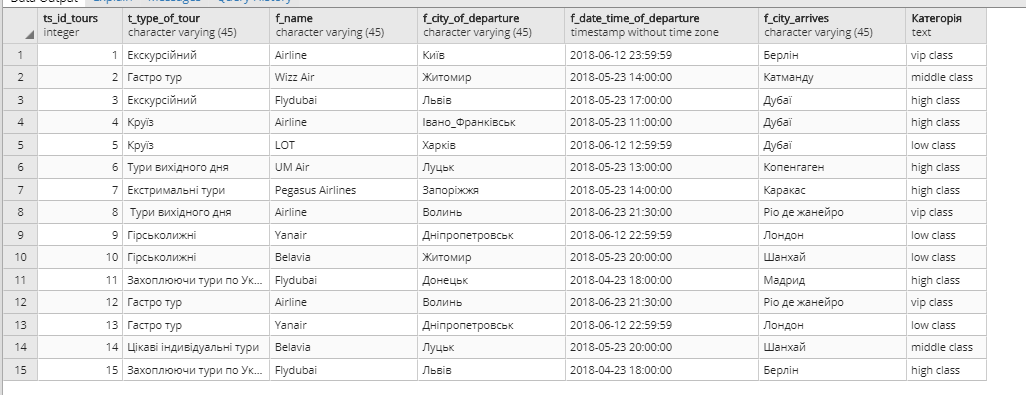
*as "Категорія"*

**Продовження додатку Ж**

*from tours*

*Right Join type\_of\_tour on type\_of\_tour.t\_id\_type\_of\_tour = tours.type\_of\_tour*

*Right Join flights on flights.f\_id\_flights = tours.flights;*



*select p\_id\_program,p\_type,p\_route,p\_transport,p\_price\_in\_dollars,tp\_date,tp\_time,*

*IF p\_route is NULL or p\_route = 'немає'*

*THEN*

*'Дія в готелі';*

*ELSE*

*'за межами готелю';*

*END IF;*

*AS Статус"*

*from program*

*inner join tour\_program on tour\_program.program = program.p\_id\_program ;*

*select f\_id\_flights,f\_name,f\_city\_of\_departure,f\_date\_time\_of\_departure,f\_date\_time\_arrives,f\_city\_arrives*

*from tours*

*join sales on tours.ts\_id\_tours = sales.tours*

*join flights on flights.f\_id\_flights = tours.flights*

*join client on client.c\_id\_client = sales.client*

*where f\_id\_flights = (select c\_id\_client from client*

*where c\_surname = 'Freik' and c\_name = 'Vlad');*

**Продовження додатку Ж**

*select t\_type\_of\_tour,ts\_price,ts\_star\_date,ts\_end\_date,tf\_type\_of\_food,*

*case*

*when ts\_end\_date - ts\_star\_date <= 7 then 'Короткотривалий'*

*when ts\_end\_date - ts\_star\_date < 8 and ts\_end\_date - ts\_star\_date > 6 then 'Тижневий'*

*when ts\_end\_date - ts\_star\_date >= 8 then 'Довготривалий'*

*end*

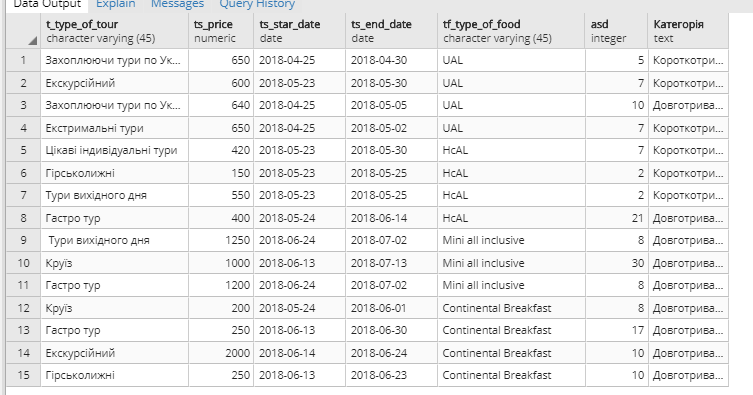
*as "Категорія"*

*from tours*

*Left Join type\_of\_tour on type\_of\_tour.t\_id\_type\_of\_tour = tours.type\_of\_tour*

*Left Join type\_of\_food on type\_of\_food.tf\_id\_type\_of\_food = tours.type\_of\_food*

*order by length(tf\_type\_of\_food);*



*(select ct\_id\_country,ct\_name,h\_name,h\_type,h\_number\_of\_stars*

*from country*

*join city on city.country = country.ct\_id\_country*

*join hotels on hotels.city = city.ci\_id\_city*

*where ct\_id\_country = (select h\_id\_hotels from hotels*

**Продовження додатку Ж**

*where h\_type = 'asd' and h\_number\_of\_stars = 4))*

*UNION*

*(select ct\_id\_country,ct\_name,h\_name,h\_type,h\_number\_of\_stars*

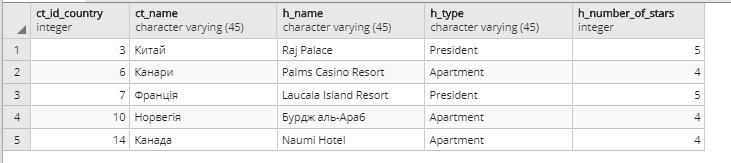
*from country*

*join city on city.country = country.ct\_id\_country*

*join hotels on hotels.city = city.ci\_id\_city*

*where ct\_id\_country = (select h\_id\_hotels from hotels*

*where h\_type = 'asdad' and h\_number\_of\_stars = 5));*



*select p\_id\_program,p\_type,p\_route,p\_transport,tp\_date,tp\_time*

*from program,tour\_program*

*where program.p\_id\_program = tour\_program.program*

*and tp\_date = '2000-12-12' and tp\_time is not null ;*



*select ts\_id\_tours,ts\_star\_date,ts\_end\_date,ts\_price,tf\_type\_of\_food,*

*h\_name,a\_accommodation\_type*

*from tours*

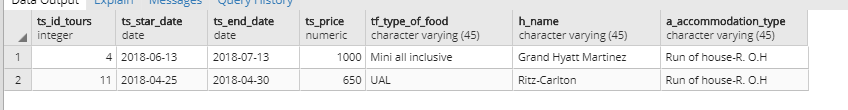
*right join hotels on hotels.h\_id\_hotels = tours.hotels*

*right join type\_of\_food on type\_of\_food.tf\_id\_type\_of\_food = tours.type\_of\_food*

*right join accommodation\_type on accommodation\_type.a\_id\_accommodation\_type = hotels.accommodation\_type*

*where ts\_id\_tours = ANY(select p\_id\_program from program*

*where p\_route is null);*



**Закінчення додатку Ж**

*select c\_surname, c\_name, c\_middle\_name,s\_date,tours,ts\_id\_tours,ts\_star\_date,*

*ts\_end\_date,ts\_price*

*from client*

*right join sales on client.c\_id\_client = sales.Client*

*right join tours on tours.ts\_id\_tours = sales.Tours*

*where c\_id\_client = ALL(select s\_id\_sales from sales*

*where s\_count = 14);*