TASK 1

TASK 2


```sql
SELECT a.airport_name AS Departing_airport_name, f.flight_id
FROM airport a
INNER JOIN
flights f
ON f.departing_airport_id = a.airport_id
```

	departing_airport_name character varying (50)	flight_id integer
1	CentralGate Airfield 3	6
2	GoldenSteppe Air 2	11
3	NomadSky Airport 3 #2	12
4	KazAir Regional Airport 1	13
5	SkyNomad Port 5	14
6	CentralGate Airfield 3	15
7	Tengri Air Base 1	16

TASK 3


```sql
1  SELECT a.airline_name
2  FROM airline a
3  LEFT JOIN flights f
4    ON f.airline_id = a.airline_id
5    AND f.sch_departure_time BETWEEN '2025-11-01' AND '2025-11-30'
6  WHERE f.flight_id IS NULL;
7
```

	airline_name character varying (50)
190	SkyOne_194
191	BlueWings_195
192	EuroFly_196
193	AsiaAir_197
194	SteppeWings_198
195	NomadAir_199
196	KazAir_200

Total rows: 196   Query complete 00:00:00.090

TASK 4

TASK 5


```sql
1  SELECT
2      f.flight_id,
3      AVG(b.ticket_price),
4      SUM(b.ticket_price),
5      MAX(b.ticket_price),
6      MIN(b.ticket_price)
7  FROM booking b
8  INNER JOIN flights f ON b.flight_id = f.flight_id
9  GROUP BY f.flight_id
```

	flight_id [PK] integer	avg numeric	sum numeric	max numeric	min numeric
1	87	4229.6900000000000000	4229.69	4229.69	4229.69
2	184	603.2100000000000000	603.21	603.21	603.21
3	71	2065.1900000000000000	4130.38	2982.52	1147.86
4	68	2085.8150000000000000	4171.63	3942.29	229.34
5	51	2782.0300000000000000	2782.03	2782.03	2782.03
6	70	2685.2550000000000000	5370.51	4201.28	1169.23
7	80	2052.0000000000000000	2052.00	2052.00	2052.00

Total rows: 128   Query complete 00:00:00.106

TASK 6


```sql
SELECT a.country, f.flight_id, air.airline_name
FROM
    airport a
INNER JOIN flights f ON f.arriving_airport_id = a.airport_id
INNER JOIN airline air ON  air.airline_id = f.airline_id
WHERE a.country = 'France'
```

	country character varying (50)	flight_id integer	airline_name character varying (50)
1	France	11	AsiaAir_177
2	France	21	SkyOne_74
3	France	33	SteppeWings_178
4	France	60	FlyHigh_2
5	France	84	EuroFly_106
6	France	101	EuroFly_126
7	France	107	FlyFly_153

Total rows: 15   Query complete 00:00:00.080

TASK 7

TASK 8


```sql
1  SELECT
2      p.last_name ||' '|| p.last_name AS Full_Name,
3      p.passport_number,
4      f.act_arrival_time
5  FROM passengers p
6  INNER JOIN booking b ON p.passenger_id = b.passenger_id
7  INNER JOIN flights f ON f.flight_id = b.flight_id
8
```

	full_name text	passport_number character varying (20)	act_arrival_time timestamp without time zone
1	Ivanov Ivanov	P00193713	2021-09-23 04:03:49
2	Wilson Wilson	P00109254	2023-09-09 01:27:17
3	Wilson Wilson	P00125906	2022-01-19 07:13:06
4	Smith Smith	P00003595	2021-12-20 17:05:09
5	Wilson Wilson	P00181288	2024-03-26 05:54:41
6	Johnson Johns…	P00016488	2024-10-05 12:29:29
7	Ivanov Ivanov	P00095313	2021-06-17 06:51:08

Total rows: 200   Query complete 00:00:00.076

TASK 9


```sql
SELECT
    a.country,
    COUNT(f.flight_id) AS number_of_flights
FROM flights f
INNER JOIN airline air ON f.airline_id = air.airline_id
INNER JOIN airport a ON f.departing_airport_id = a.airport_id
WHERE air.airline_country = a.country
GROUP BY a.country;
```

	country character varying (50)	count bigint
1	Turkey	1
2	Spain	1
3	Brazil	4
4	Kazakhstan	1
5	Poland	3
6	Portugal	4
7	France	1