

1)

```
1  SELECT *
2  FROM passengers
3  WHERE LOWER(first_name) = LOWER(last_name);
4
```

2)

```
1  SELECT DISTINCT last_name
2  FROM passengers
3  WHERE last_name IS NOT NULL
4  ORDER BY last_name;
5
```

3)

```
1  SELECT *
2  FROM passengers
3  WHERE gender = 'Male'
4  AND date_of_birth BETWEEN DATE '1990-01-01' AND DATE '2000-12-31';
5
```

4)

```
1  SELECT DATE_TRUNC('month', created_at)::date AS month,
2  SUM(price) AS total_price
3  FROM booking
4  GROUP BY 1
5  ORDER BY 1;
6
```

5)

```
1  SELECT f.*
2  FROM flights f
3  JOIN airport a ON a.airport_id = f.arrival_airport_id
4  WHERE a.country = 'China';
5
```

6)

```
1 SELECT *
2 FROM airline
3 WHERE airline_country IN ('France','Portugal','Poland')
4     AND created_at BETWEEN DATE '2023-11-01' AND DATE '2024-03-31'
5 ORDER BY created_at;
6
```

7)

```
1 SELECT airline_name
2 FROM airline
3 WHERE airline_country = 'Kazakhstan'
4 ORDER BY airline_name;
```

8)

```
UPDATE booking
SET price = ROUND(price * 0.9, 2)
WHERE created_at < DATE '2023-11-01';
```

9)

```
1 SELECT baggage_id, weight_in_kg, booking_id, created_date
2 FROM baggage
3 WHERE weight_in_kg > 25
4 ORDER BY weight_in_kg DESC, baggage_id
5 LIMIT 3;
6
```

10)

```
1 SELECT first_name, last_name, date_of_birth
2 FROM passengers
3 ORDER BY date_of_birth DESC
4 FETCH FIRST 1 ROW WITH TIES;
5
```

11)

```
1  SELECT booking_platform,  
2         MIN(price) AS cheapest_price  
3  FROM booking  
4  GROUP BY booking_platform  
5  ORDER BY cheapest_price, booking_platform;  
6
```

12)

```
1  SELECT *  
2  FROM airline  
3  WHERE airline_code ~ '[0-9]';
```

13)

```
1  SELECT *  
2  FROM airline  
3  ORDER BY created_at DESC, airline_id DESC  
4  LIMIT 5;
```

14)

```
1  SELECT *  
2  FROM baggage_check  
3  WHERE booking_id BETWEEN 200 AND 300  
4         AND check_result <> 'Checked';
```

15)

```
1  SELECT *  
2  FROM baggage_check  
3  WHERE DATE_TRUNC('month', update_at) = DATE_TRUNC('month', created_at)  
4         AND update_at < created_at  
5  ORDER BY created_at, update_at;
```