```
1 		 CREATE TABLE airline_info(
     airline_id INT NOT NULL,
 2
     airline_code VARCHAR(30) NOT NULL,
 3
     airline_name VARCHAR(50) NOT NULL,
 4
     airline_country VARCHAR(50) NOT NULL,
 5
     created_at TIMESTAMP NOT NULL,
 6
 7
     updated at TIMESTAMP NOT NULL,
     info VARCHAR(50) NOT NULL,
 8
     PRIMARY KEY(airline_id)
 9
10
     );
11
12 V CREATE TABLE airport(
     airport_id INT NOT NULL,
13
     airport_name VARCHAR(50) NOT NULL,
14
15
     country VARCHAR(50) NOT NULL,
    state VARCHAR(50) NOT NULL,
16
17
     city VARCHAR(50) NOT NULL,
18
     created_at TIMESTAMP NOT NULL,
     updated_at TIMESTAMP NOT NULL,
19
     PRIMARY KEY(airport_id)
20
21
     );
22
23 v CREATE TABLE baggage_check(
24
     baggage_check_id INT NOT NULL,
25
     check_result VARCHAR(50) NOT NULL,
     created_at TIMESTAMP NOT NULL,
26
     updated_at TIMESTAMP NOT NULL,
27
     booking_id INT NOT NULL,
28
     passenger_id INT NOT NULL,
29
     PRIMARY KEY(baggage_check_id)
30
31
     );
```

```
1 		 CREATE TABLE airline_info(
     airline_id INT NOT NULL,
 2
     airline_code VARCHAR(30) NOT NULL,
 3
     airline_name VARCHAR(50) NOT NULL,
 4
     airline_country VARCHAR(50) NOT NULL,
 5
     created_at TIMESTAMP NOT NULL,
 6
 7
     updated at TIMESTAMP NOT NULL,
     info VARCHAR(50) NOT NULL,
 8
     PRIMARY KEY(airline_id)
 9
10
     );
11
12 V CREATE TABLE airport(
     airport_id INT NOT NULL,
13
     airport_name VARCHAR(50) NOT NULL,
14
15
     country VARCHAR(50) NOT NULL,
    state VARCHAR(50) NOT NULL,
16
17
     city VARCHAR(50) NOT NULL,
18
     created_at TIMESTAMP NOT NULL,
     updated_at TIMESTAMP NOT NULL,
19
     PRIMARY KEY(airport_id)
20
21
     );
22
23 v CREATE TABLE baggage_check(
24
     baggage_check_id INT NOT NULL,
25
     check_result VARCHAR(50) NOT NULL,
     created_at TIMESTAMP NOT NULL,
26
     updated_at TIMESTAMP NOT NULL,
27
     booking_id INT NOT NULL,
28
     passenger_id INT NOT NULL,
29
     PRIMARY KEY(baggage_check_id)
30
31
     );
```

```
Query Query History
61 		 CREATE TABLE booking(
      booking_id INT NOT NULL,
62
      flight_id INT NOT NULL,
63
      passenger_id INT NOT NULL,
64
      booking_platform VARCHAR(50) NOT NULL,
65
      created_at TIMESTAMP NOT NULL,
66
      updated_at TIMESTAMP NOT NULL,
67
      status VARCHAR(50) NOT NULL,
68
      price DECIMAL(7,2) NOT NULL,
69
      PRIMARY KEY(booking_id)
70
71
      );
72
73 • CREATE TABLE flights(
      flight_id INT NOT NULL,
74
      sch_departure_time TIMESTAMP NOT NULL,
75
      sch_arrival_time TIMESTAMP NOT NULL,
76
      departing_airport_id INT NOT NULL,
77
      arriving_airport_id INT NOT NULL,
78
      departing_gate VARCHAR(50) NOT NULL,
79
      arriving_gate VARCHAR(50) NOT NULL,
80
      airline_id INT NOT NULL,
81
      act_departure_time TIMESTAMP NOT NULL,
82
83
      act_arrival_time TIMESTAMP NOT NULL,
      created_at TIMESTAMP NOT NULL,
84
85
      updated_at TIMESTAMP NOT NULL,
      PRIMARY KEY(flight_id)
```

86 87

);

```
Query Query History
 89 CREATE TABLE passengers(
      passenger_id INT NOT NULL,
 90
      first_name VARCHAR(50) NOT NULL,
 91
      last_name VARCHAR(50) NOT NULL,
 92
      date_of_birth DATE NOT NULL,
 93
      gender VARCHAR(50) NOT NULL,
 94
      country_of_citizenship VARCHAR(50) NOT NULL,
 95
      country_of_residence VARCHAR(50) NOT NULL,
 96
      passport_number VARCHAR(20) NOT NULL,
 97
      created_at TIMESTAMP NOT NULL,
 98
 99
      updated_at TIMESTAMP NOT NULL,
      PRIMARY KEY(passenger_id)
100
      );
101
102
103 ➤ CREATE TABLE security_check(
      security_check_id INT NOT NULL,
104
      check_result VARCHAR(20) NOT NULL,
105
      created_at TIMESTAMP NOT NULL,
106
      updated_at TIMESTAMP NOT NULL,
107
      passenger_id INT NOT NULL,
108
      PRIMARY KEY(security_check_id)
109
110
      );
```

```
ALTER TABLE airline_info RENAME TO airline;
112
113
     ALTER TABLE booking RENAME COLUMN price TO ticket_price;
114
115
     ALTER TABLE flights ALTER COLUMN departing_gate TYPE TEXT;
116
117
     ALTER TABLE airline DROP COLUMN info;
118
119
120 ▼ ALTER TABLE security_check
     ADD CONSTRAINT fk_security_check_passenger
121
122
      FOREIGN KEY (passenger_id) REFERENCES Passengers(passenger_id);
123
124 V ALTER TABLE booking
     ADD CONSTRAINT fk_booking_passenger
125
126
      FOREIGN KEY (passenger_id) REFERENCES Passengers(passenger_id);
127
128 - ALTER TABLE baggage_check
     ADD CONSTRAINT fk_baggage_check_passenger
129
     FOREIGN KEY (passenger_id) REFERENCES Passengers(passenger_id);
130
131
132 ▼ ALTER TABLE baggage_check
133
     ADD CONSTRAINT fk_baggage_check_booking
134 FOREIGN KEY (booking_id) REFERENCES Booking(booking_id);
135
136 → ALTER TABLE baggage
     ADD CONSTRAINT fk_baggage_booking
137
      FOREIGN KEY (booking_id) REFERENCES Booking(booking_id);
138
139
140 ∨ ALTER TABLE boarding_pass
141
     ADD CONSTRAINT fk_boarding_pass_booking
      FOREIGN KEY (booking_id) REFERENCES Booking(booking_id);
142
143
```

```
ALTER TABLE airline_info RENAME TO airline;
112
113
     ALTER TABLE booking RENAME COLUMN price TO ticket_price;
114
115
     ALTER TABLE flights ALTER COLUMN departing_gate TYPE TEXT;
116
117
     ALTER TABLE airline DROP COLUMN info;
118
119
120 ▼ ALTER TABLE security_check
     ADD CONSTRAINT fk_security_check_passenger
121
122
      FOREIGN KEY (passenger_id) REFERENCES Passengers(passenger_id);
123
124 V ALTER TABLE booking
     ADD CONSTRAINT fk_booking_passenger
125
126
      FOREIGN KEY (passenger_id) REFERENCES Passengers(passenger_id);
127
128 - ALTER TABLE baggage_check
     ADD CONSTRAINT fk_baggage_check_passenger
129
     FOREIGN KEY (passenger_id) REFERENCES Passengers(passenger_id);
130
131
132 ▼ ALTER TABLE baggage_check
133
     ADD CONSTRAINT fk_baggage_check_booking
134 FOREIGN KEY (booking_id) REFERENCES Booking(booking_id);
135
136 → ALTER TABLE baggage
     ADD CONSTRAINT fk_baggage_booking
137
      FOREIGN KEY (booking_id) REFERENCES Booking(booking_id);
138
139
140 ∨ ALTER TABLE boarding_pass
141
     ADD CONSTRAINT fk_boarding_pass_booking
      FOREIGN KEY (booking_id) REFERENCES Booking(booking_id);
142
143
```