Mahmoud Godamy 202101691

Assignment 3 Bonus

AIRPLANE

Airplane_id	Total_number_of_seats	Airplane_type
A1	150	Boeing 737
A2	180	Airbus A320
A3	300	Boeing 747

AIRPLANE_TYPE

Airplane_type_name	Max_seats	Company
Boeing 737	150	Boeing
Airbus A320	180	Airbus
Boeing 747	300	Boeing

AIRPORT

Airport_code	Name	City	State
JFK	John F. Kennedy International	New York	NY
LAX	Los Angeles International	Los Angeles	CA
ORD	O'Hare International	Chicago	IL

CAN_LAND

Airplane_type_name	Airport_code
Boeing 737	JFK
Airbus A320	LAX
Boeing 747	ORD

FARE

Flight_number	Fare_code	Amount	Restrictions
AA101	ECONOMY	150	Non-refundable
DL202	BUSINESS	450	Refundable with fee
UA303	FIRST	800	Fully refundable

FLIGHT

Flight_number	Airline	Weekdays
AA101	American Airlines	Mon, Wed, Fri
DL202	Delta Airlines	Tue, Thu, Sat
UA303	United Airlines	Everyday

FLIGHT_LEG

Flight_number	Leg_number	Departure_airport_code	Sc
AA101	1	JFK	10:
DL202	1	LAX	14:
UA303	1	ORD	19:

Flight_number	Leg_number	Departure_airport_code	Scheduled_departure_time	Arrival_airport_code	Scheduled_arrival_time
AA101	1	JFK	10:00	LAX	13:30
DL202	1	LAX	14:00	ORD	18:30
UA303	1	ORD	19:00	JFK	21:30

Flight_number	Leg_number	Date	Number_of_available_seats	Airplane_id	Departure_airport_code	Departure_time	Arrival_airport_code	Arrival_time
AA101	1	2024-11-05	50	A1	JFK	10:00	LAX	13:30
DL202	1	2024-11-	60	A2	LAX	14:00	ORD	18:30

Output

Airport_code	Name	City	State
JFK	John F. Kennedy International	New York	NY
LAX	Los Angeles International	Los Angeles	CA
ORD	O'Hare International	Chicago	IL

Flight_number	Airline	Weekdays
AA101	American Airlines	Mon, Wed, Fri
DL202	Delta Airlines	Tue, Thu, Sat
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Output

Flight_number	Fare_code	Amount	Restrictions
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Airplane_type_name	Max_seats	Company
Boeing 737	150	Boeing
Airbus A320	180	Airbus
Boeing 747	300	Boeing

Output

Airplane_type_name	Airport_code
Boeing 737	JFK
Airbus A320	LAX
Boeing 747	ORD

Airplane_id	Total_number_of_seats	Airplane_type
A1	150	Boeing 737
A2	180	Airbus A320
A3	300	Boeing 747