

Assignment 2

RELATIONAL SCHEMAS/EER



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DS-C/D

**PART-1**

**Relational Schemas/ Mapping**

**Schemas Derived from Strong Entities**

* **Airlines** (A-code, A\_name, A\_address)
* **Flight** (f\_id, origin, destination, arrival\_time, departure, stops)
* **Travel\_agencies** (t\_code, t\_address, contact\_person)
* **Milage\_Program** (p\_code, description, Start\_date)
* **Passengers** (p\_number, address, gender, age)
* **Menu** (v\_code, LF\_code, v\_protein, v\_calorie, v\_description, LF\_protein, LF\_calories, LF\_description)

**Schemas Derived from Weak Entities**

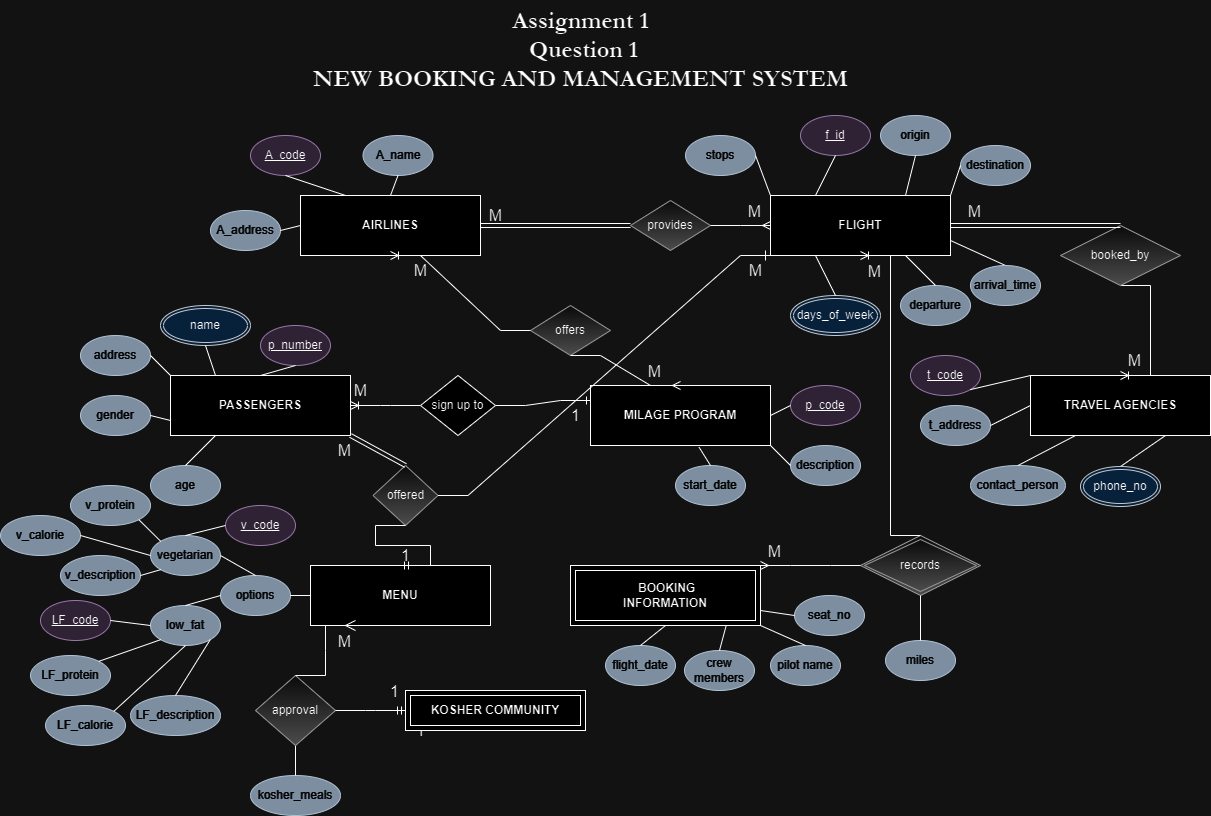
* **Kohser\_community** (v\_code, LF\_code)
* **Booking\_information** (f\_id, seat\_no, pilot\_name, crew\_member, flight\_date)

**Schemas Derived from Multi-Valued Entities**

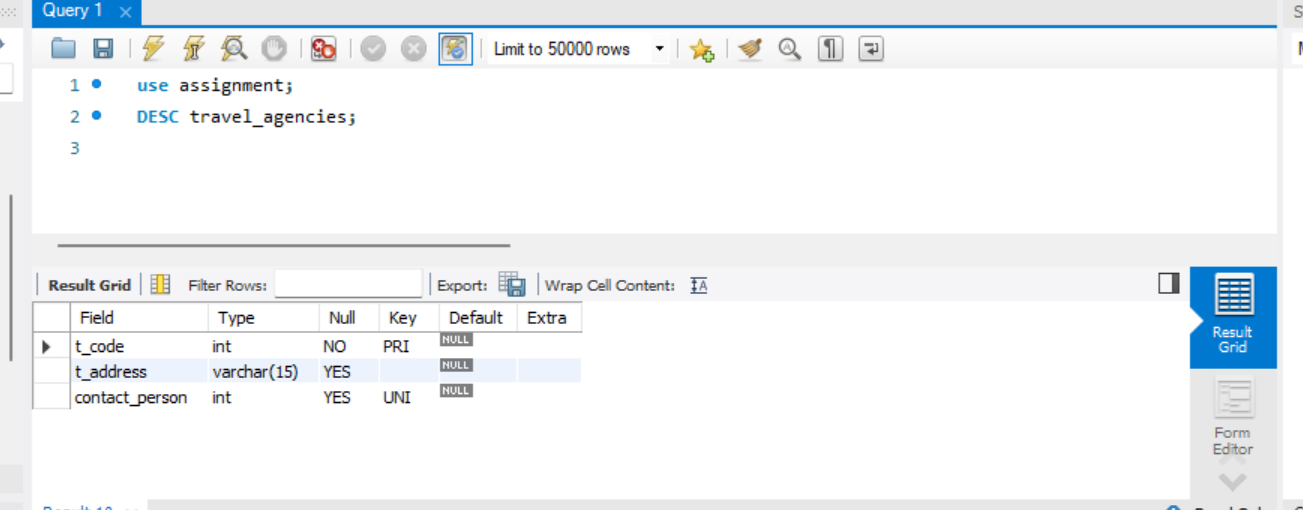
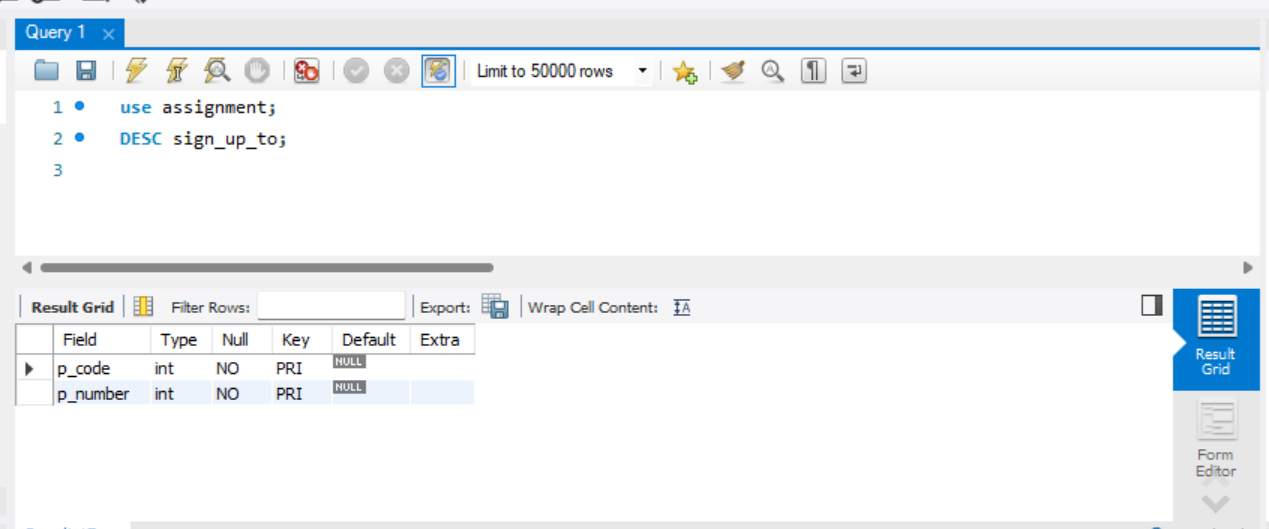
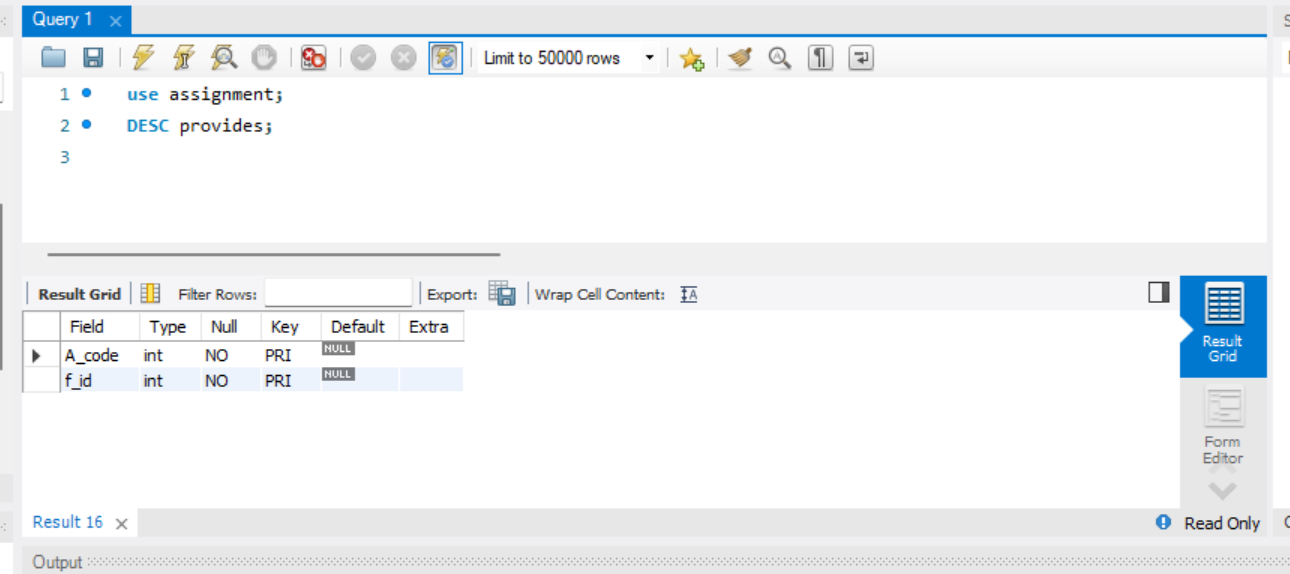
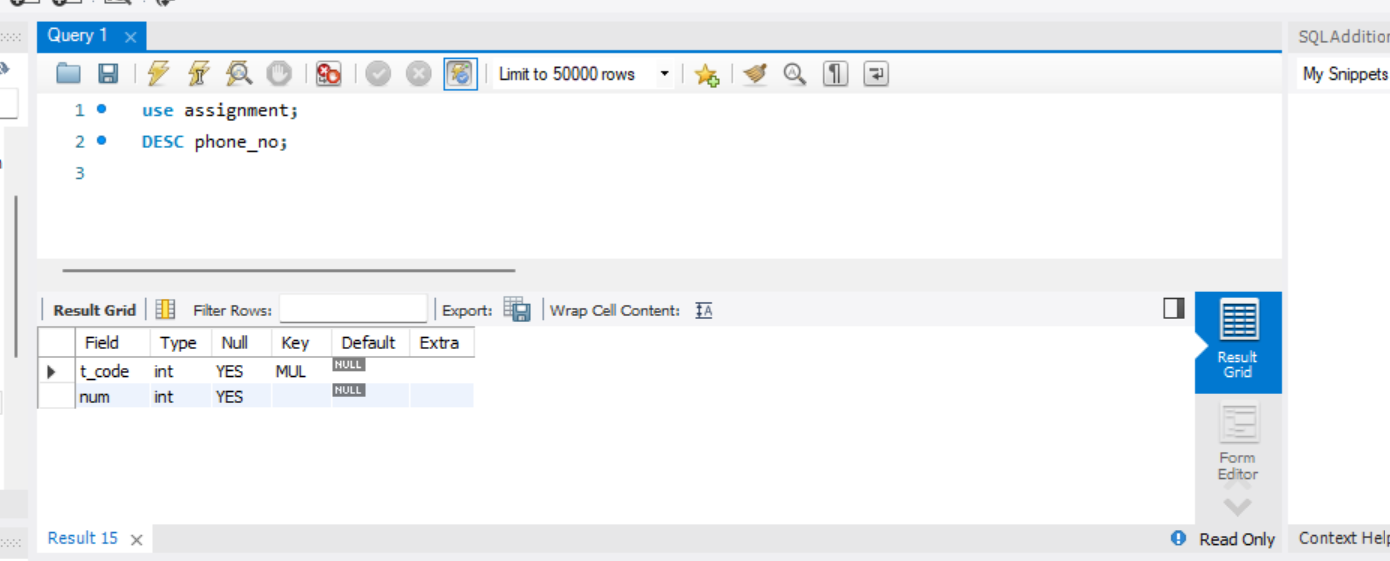
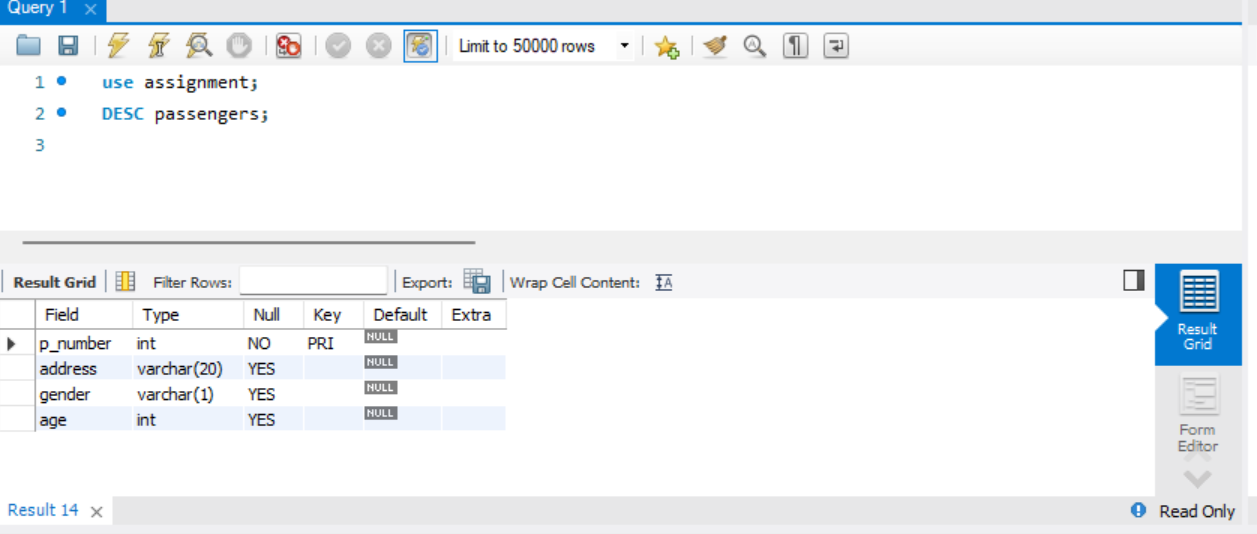
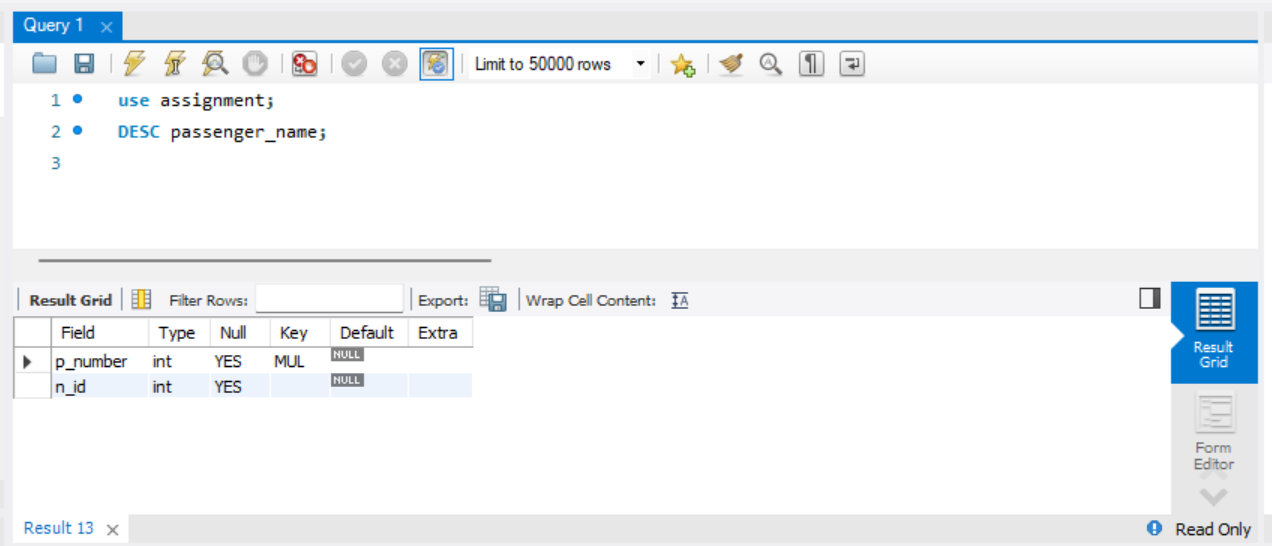
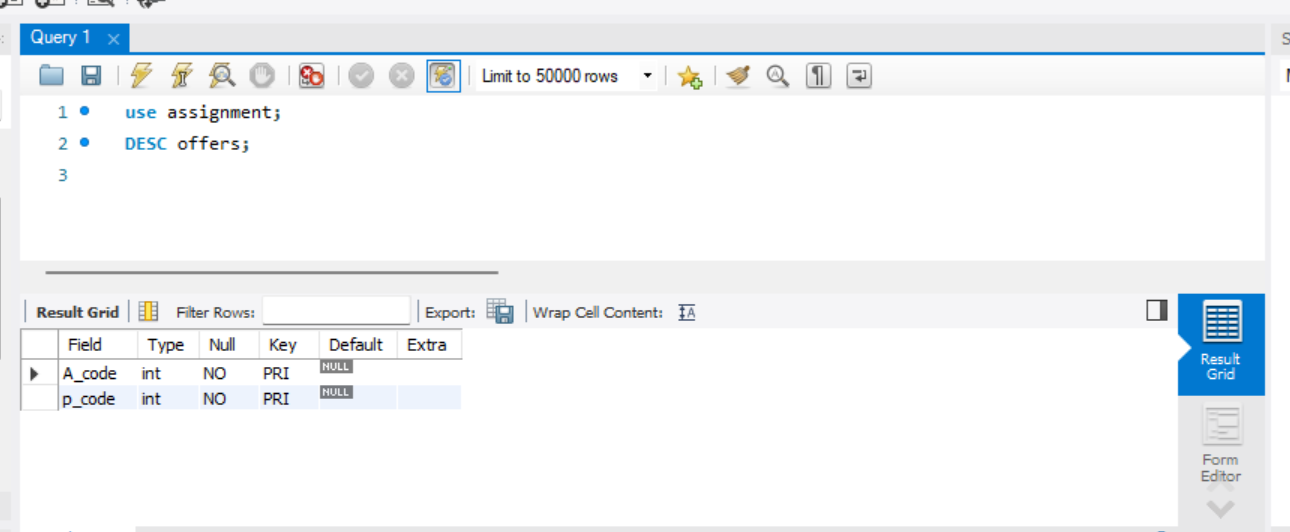
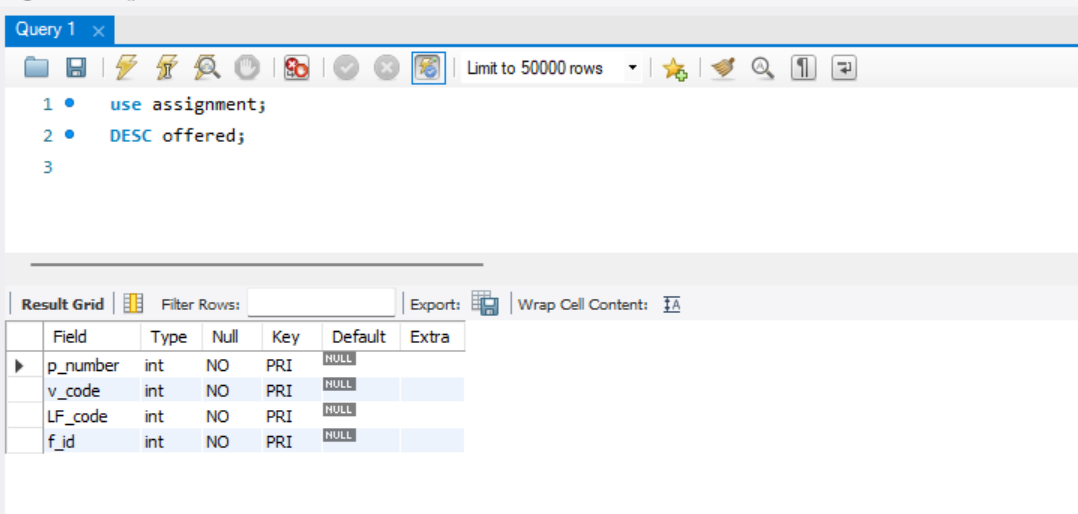
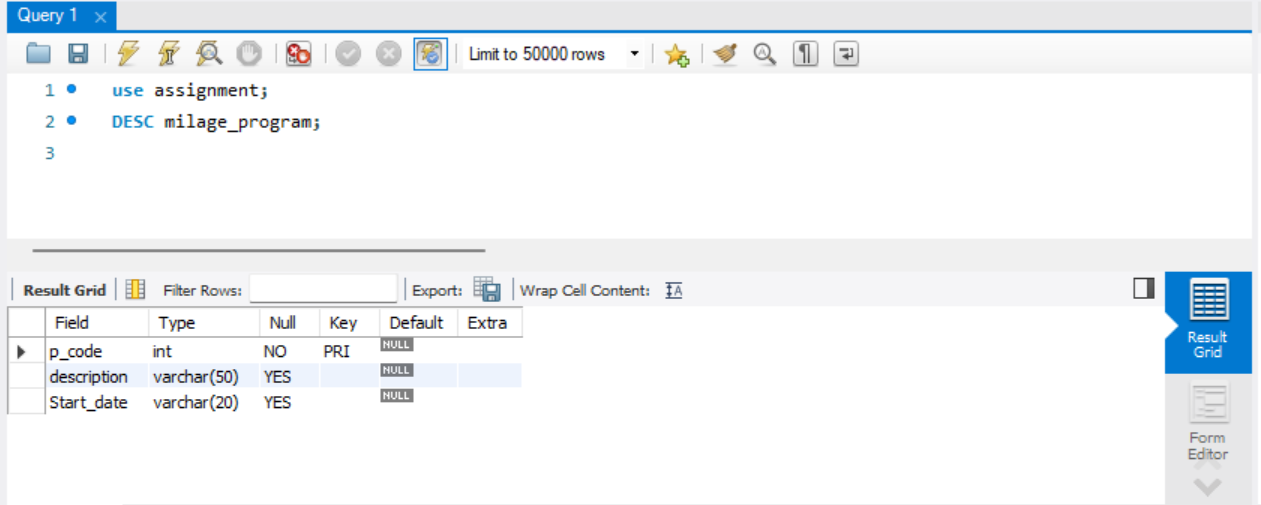
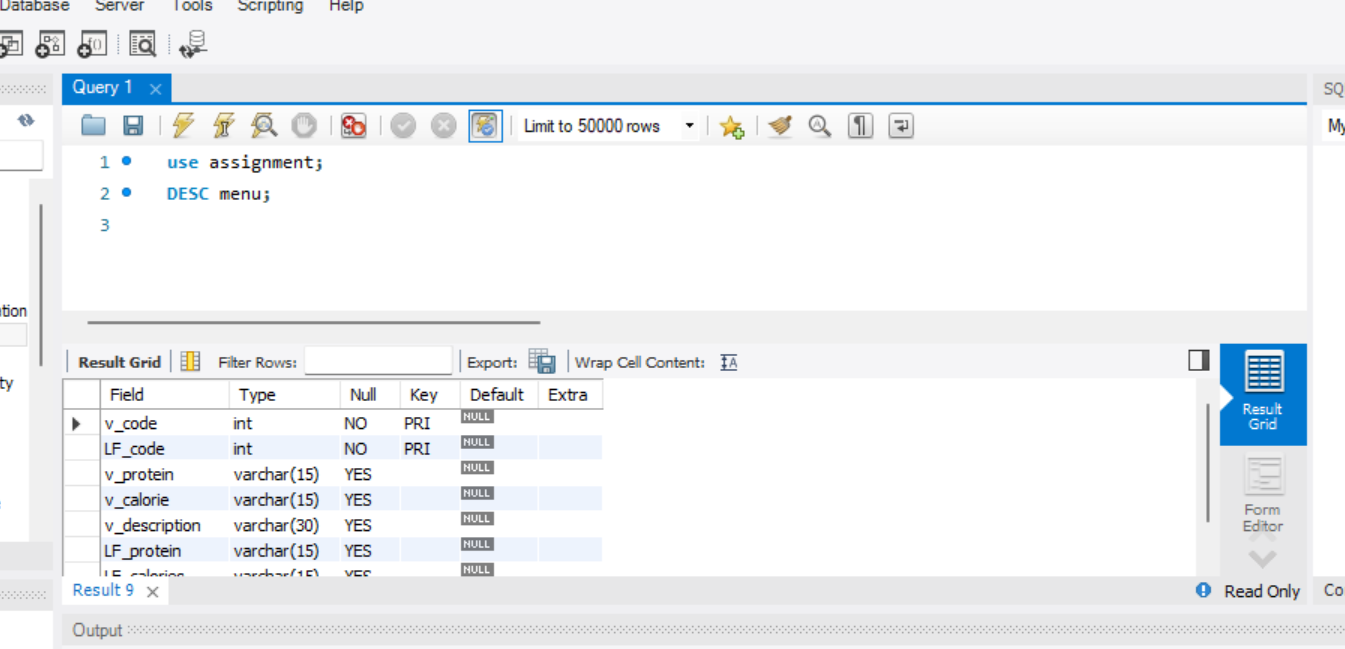
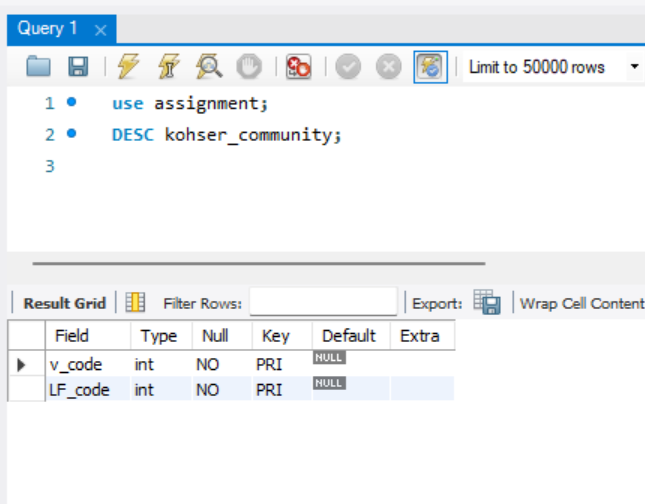
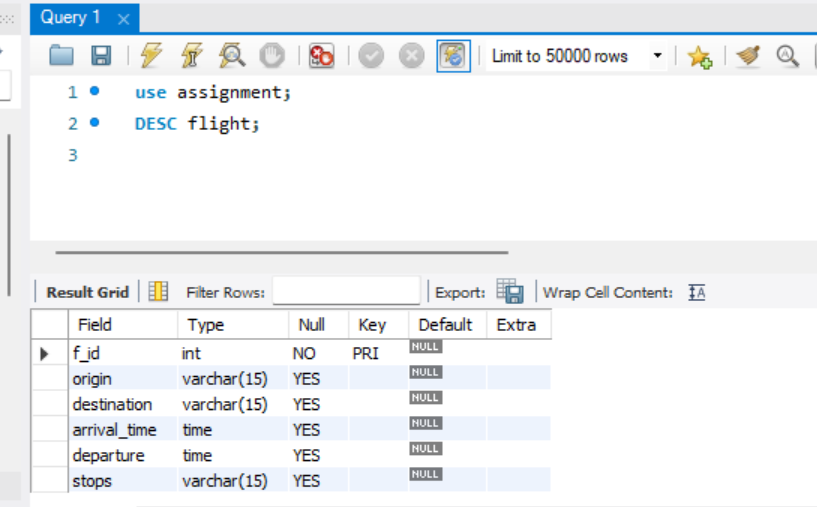
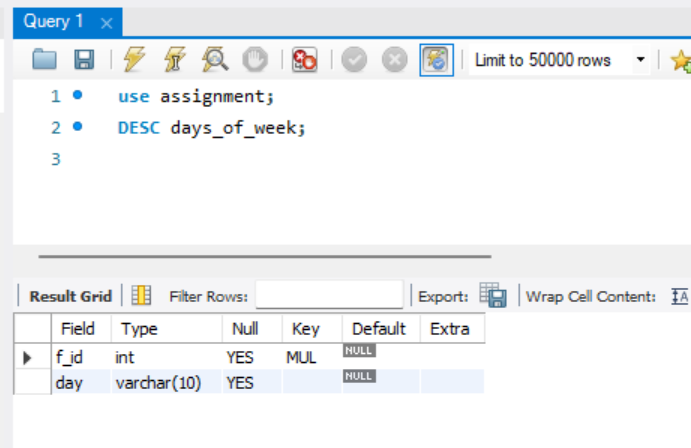
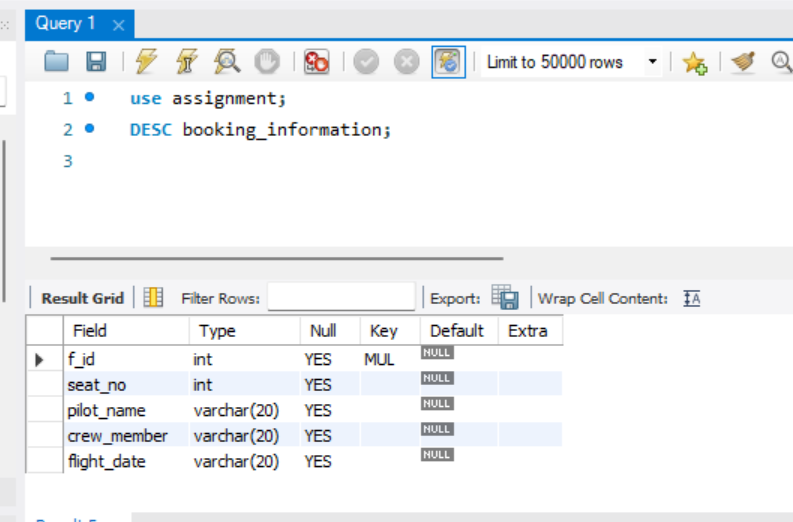
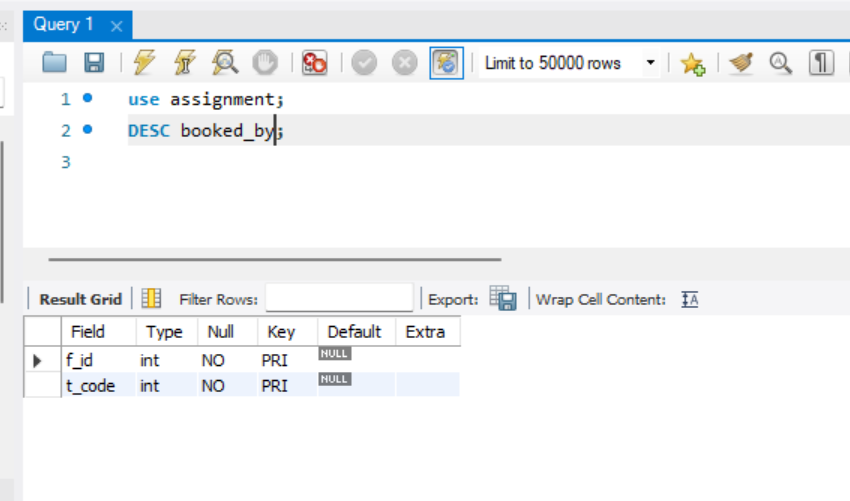
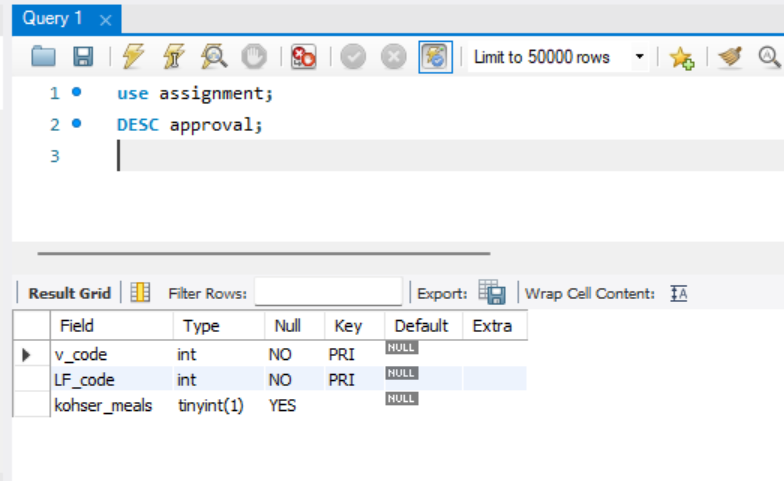
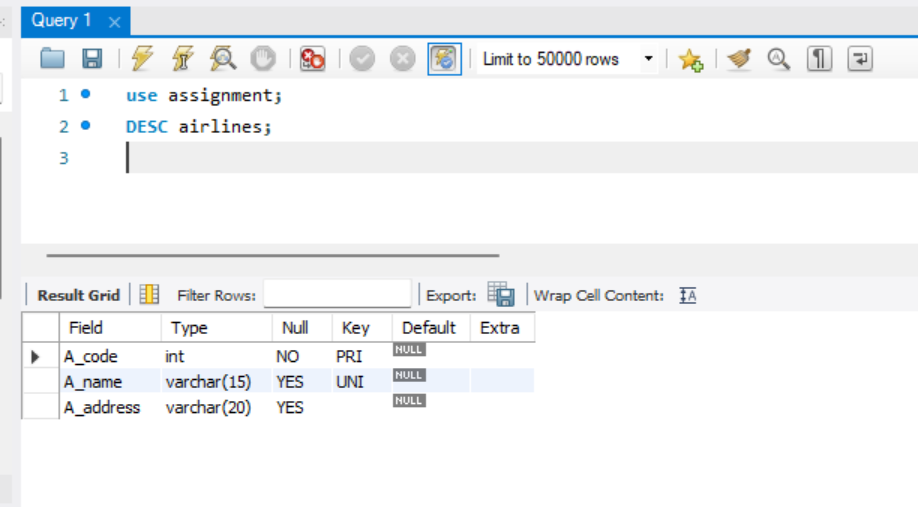
* **days\_of\_week** (f\_id, day)
* **phone\_no** (t\_code, num)
* **passenger\_name** (p\_number, n\_id)

**Schemas Derived from Relationship Set**

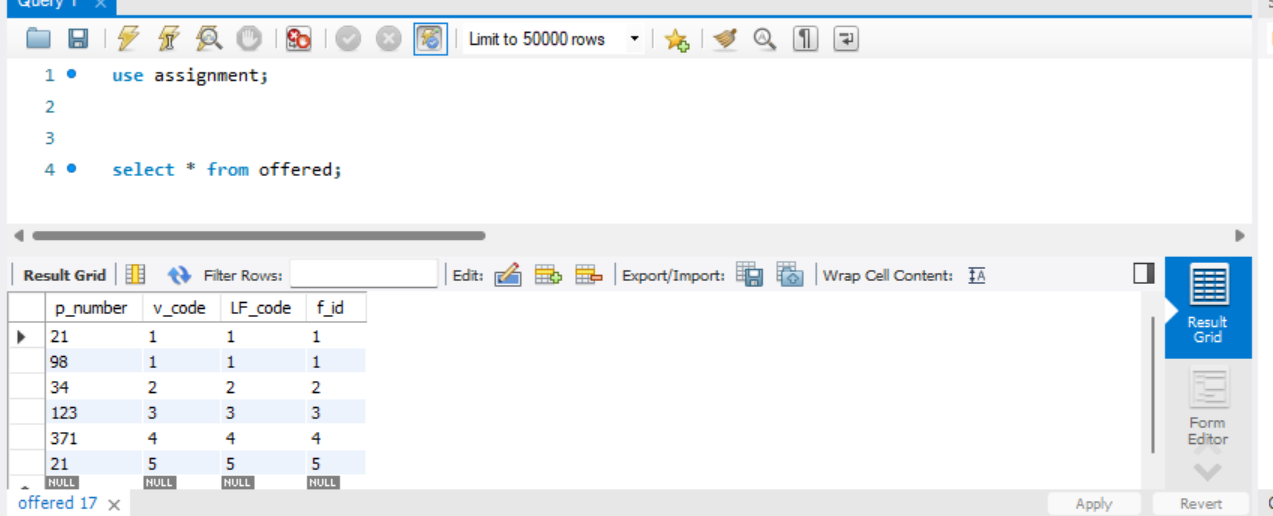
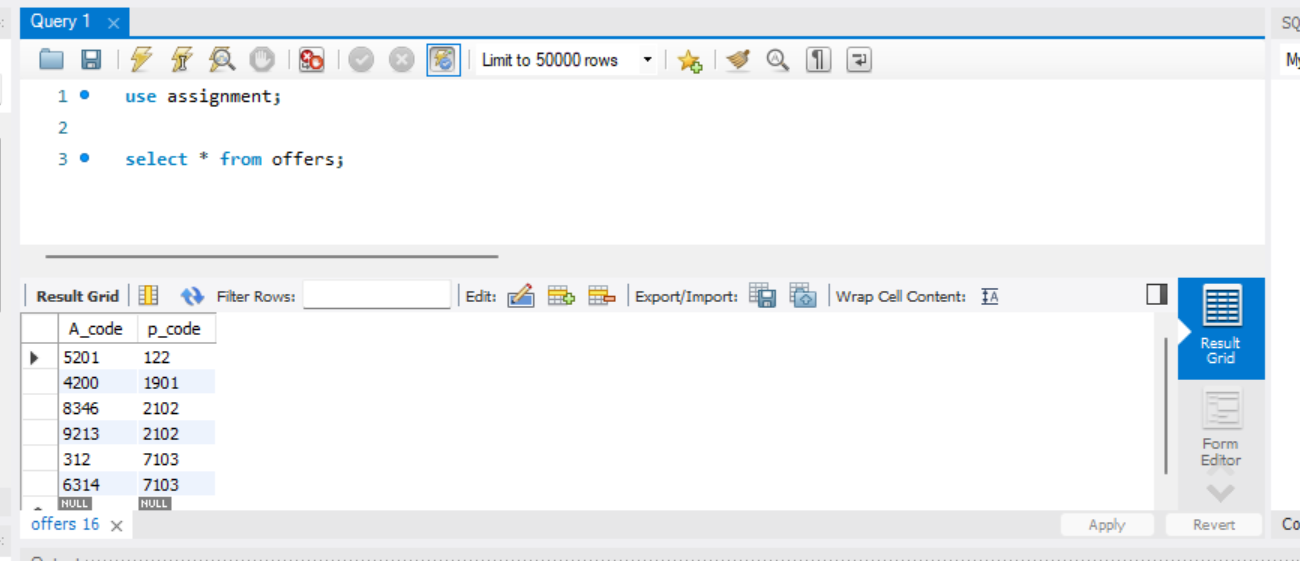
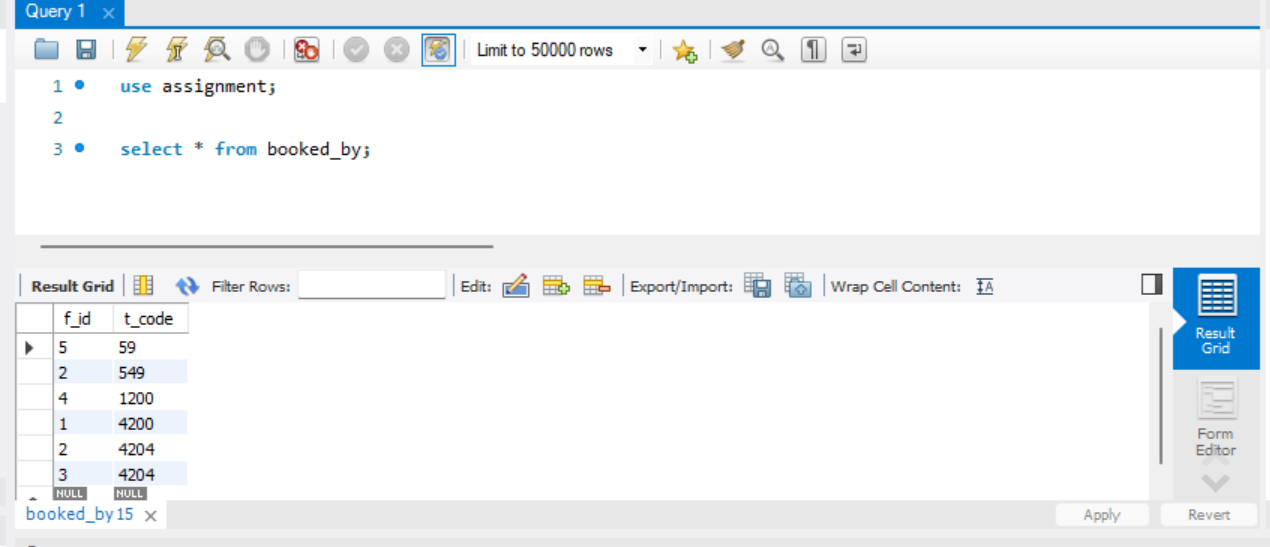
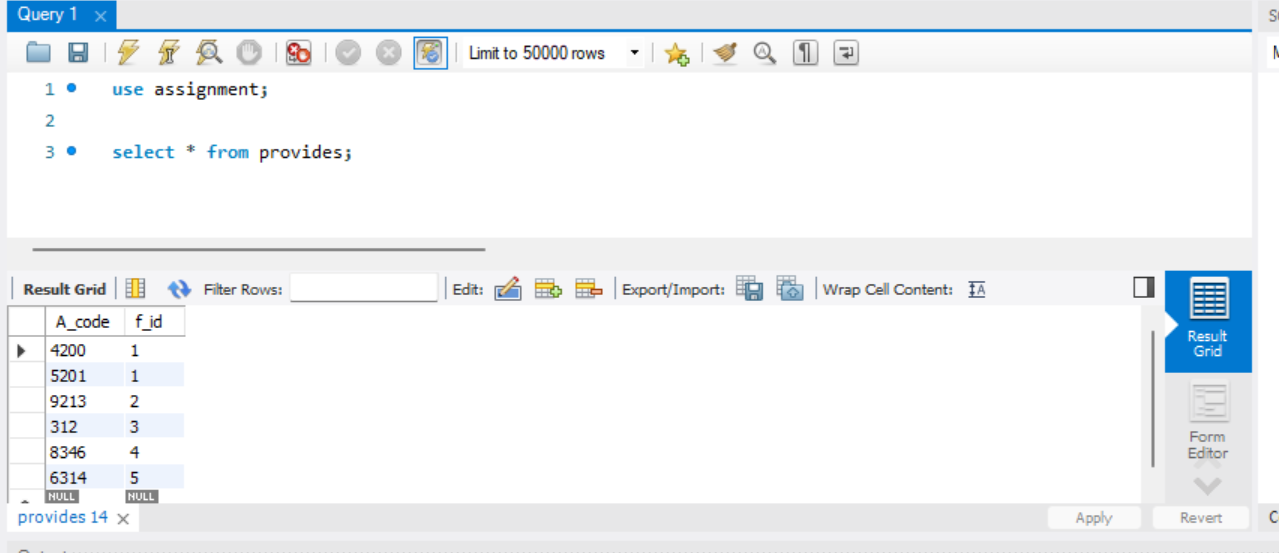
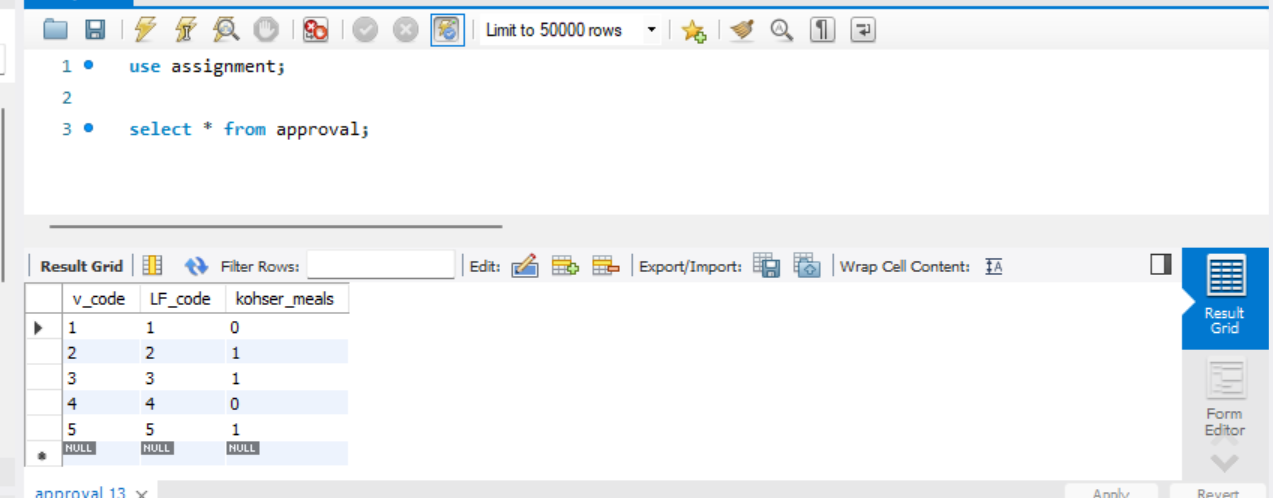
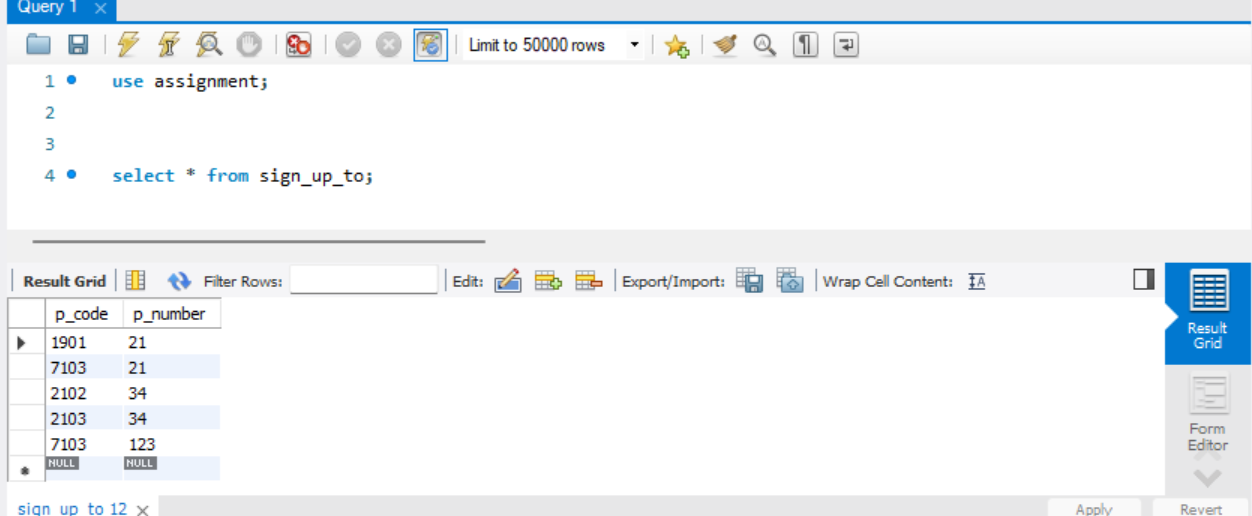
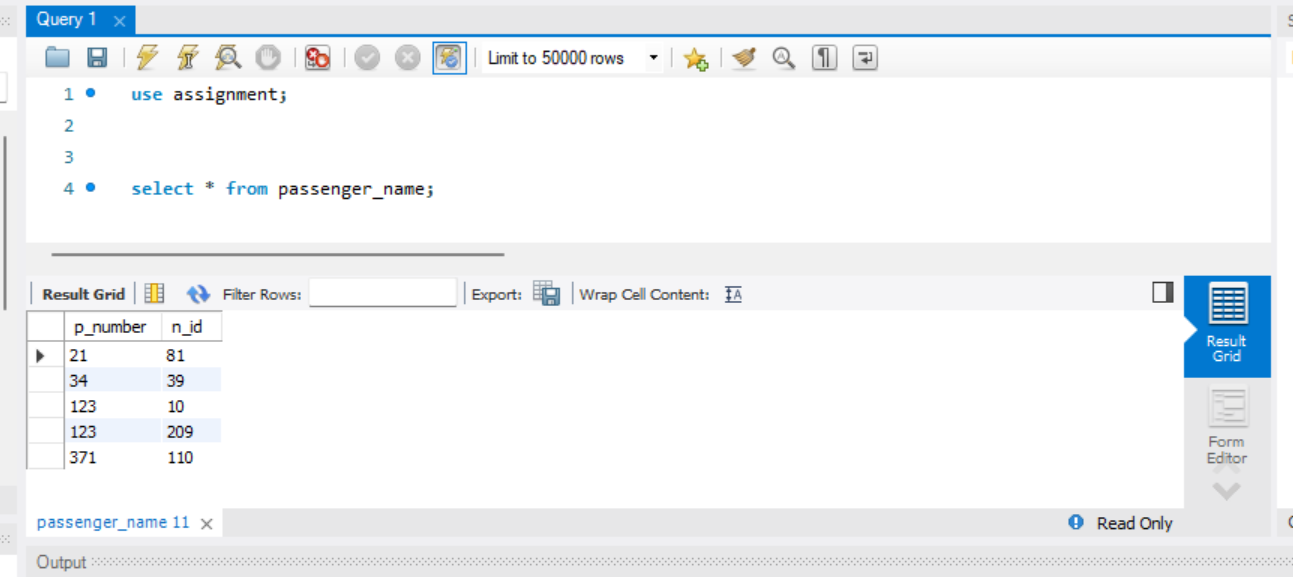
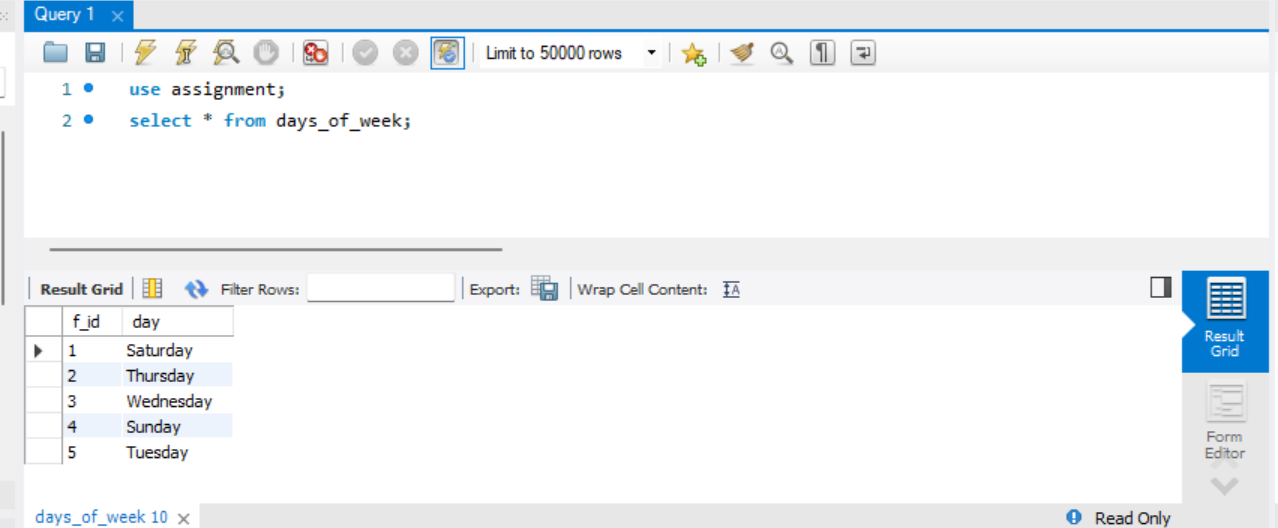
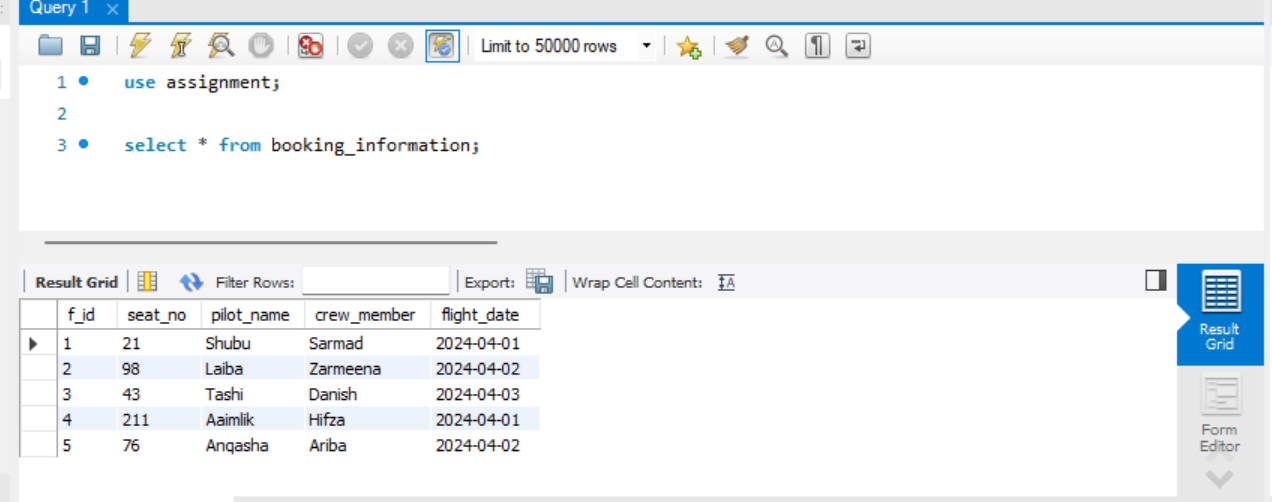
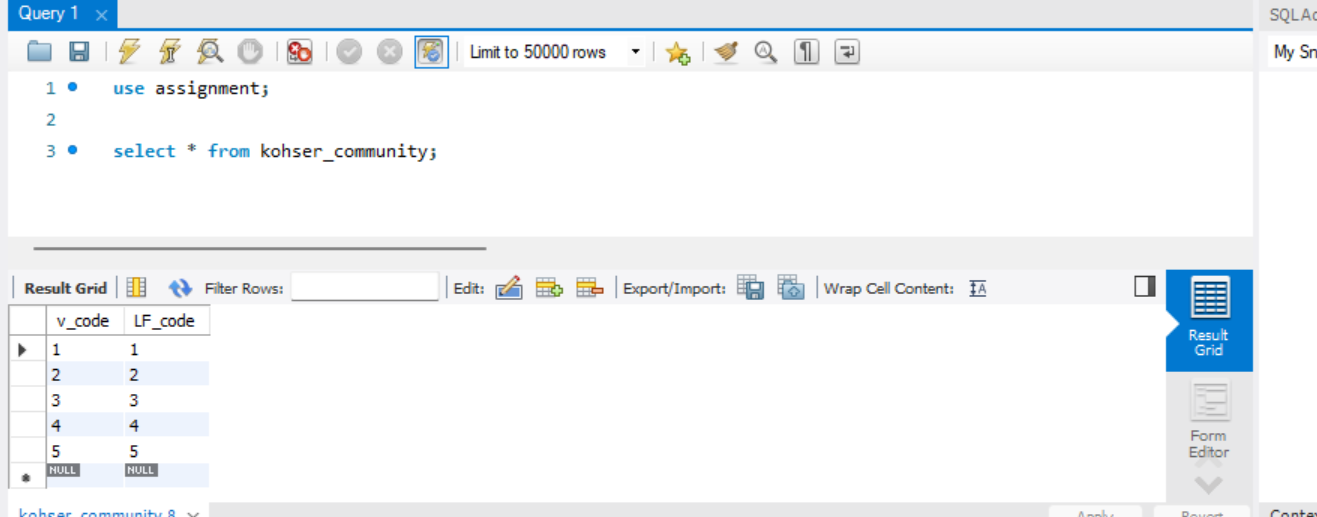
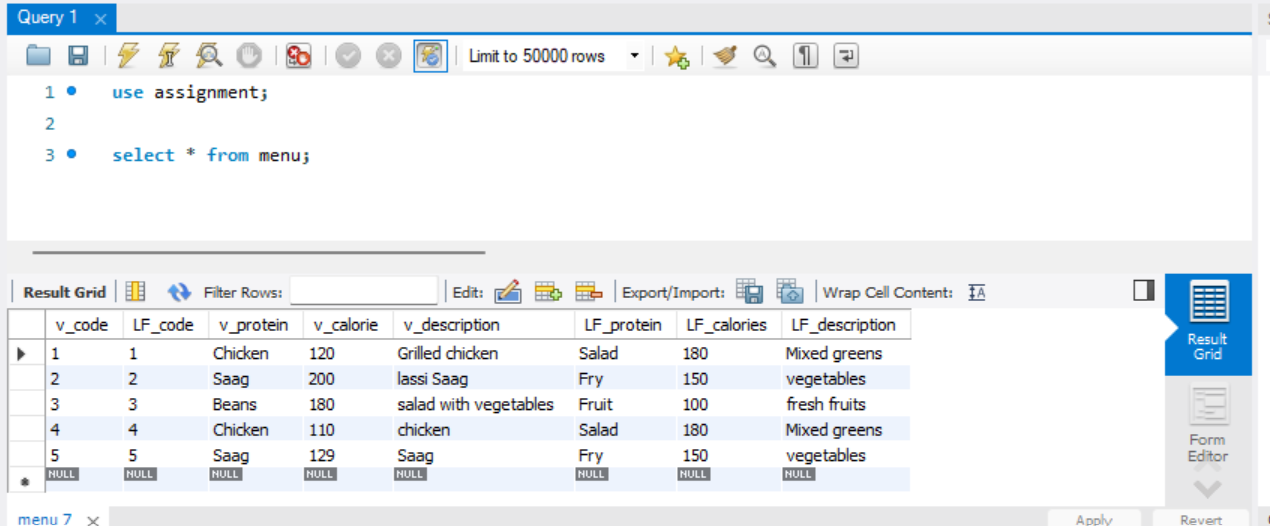
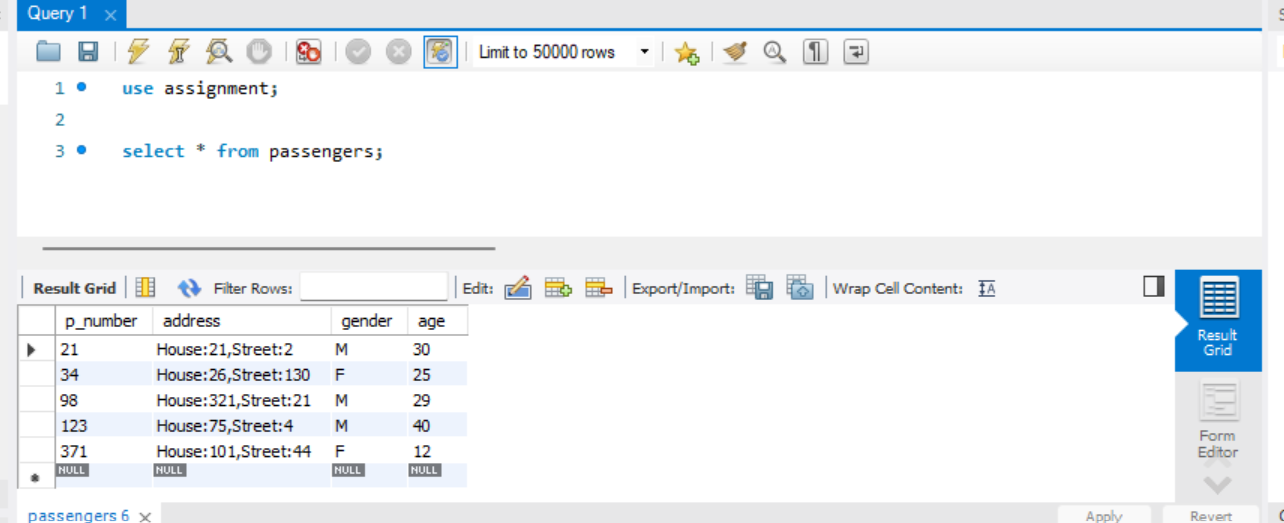
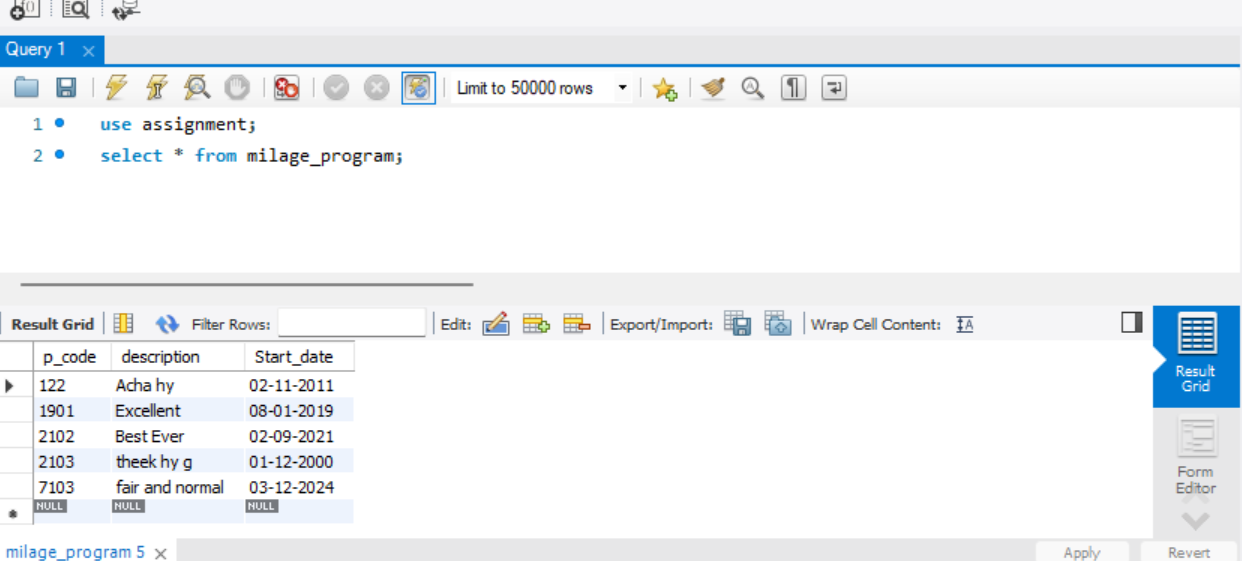
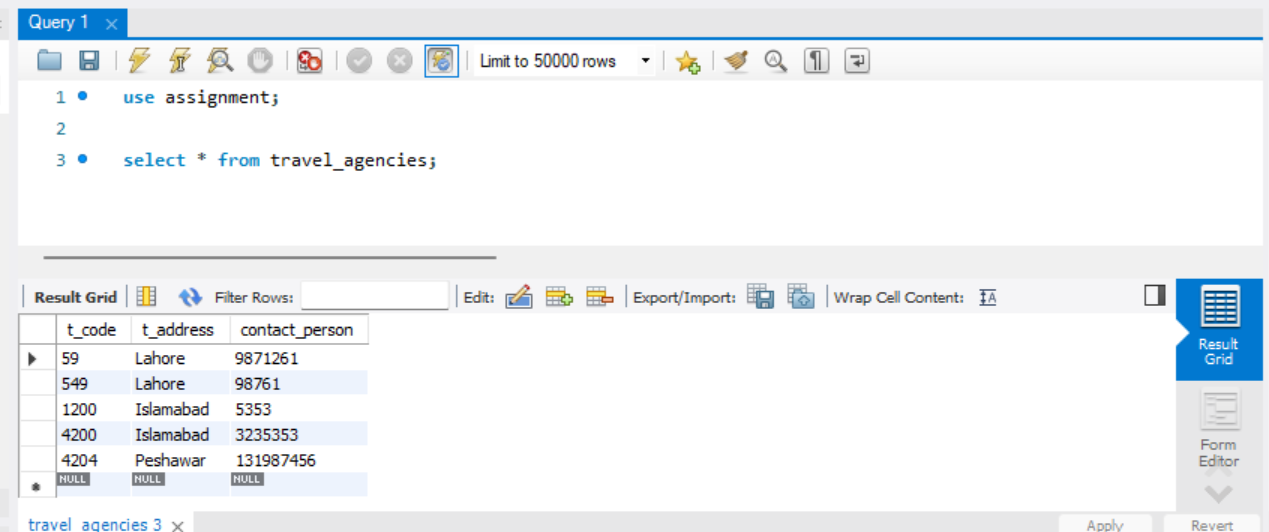
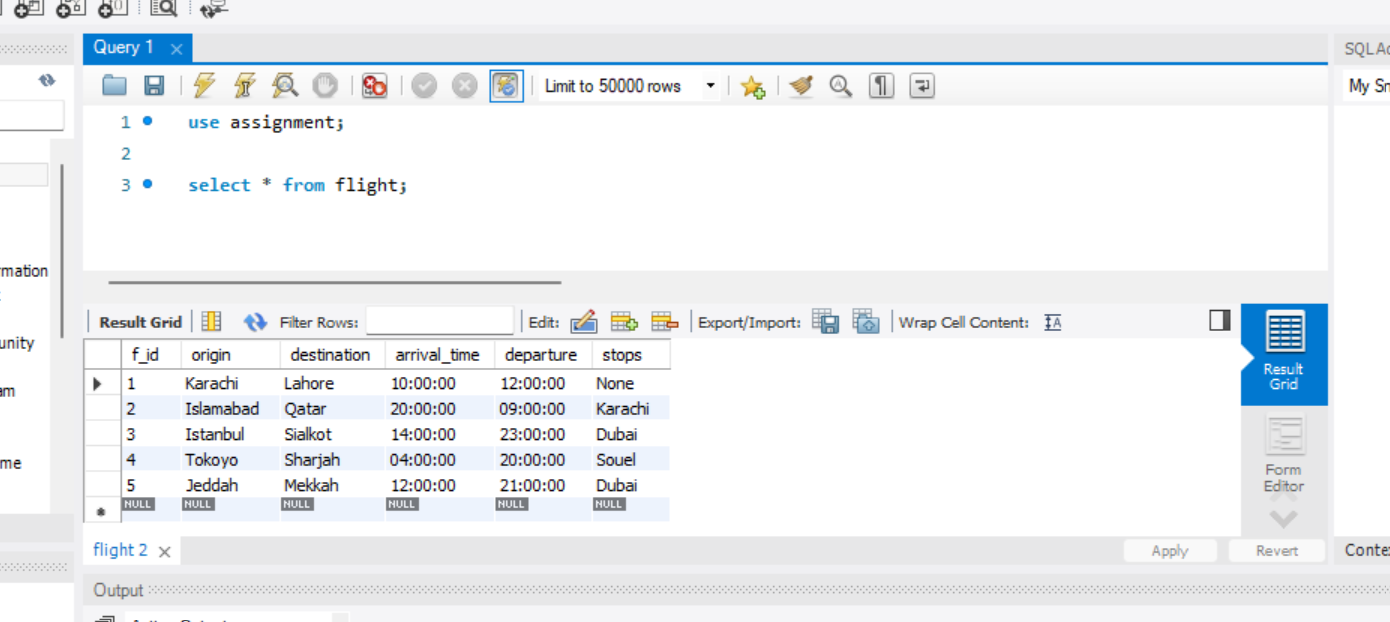
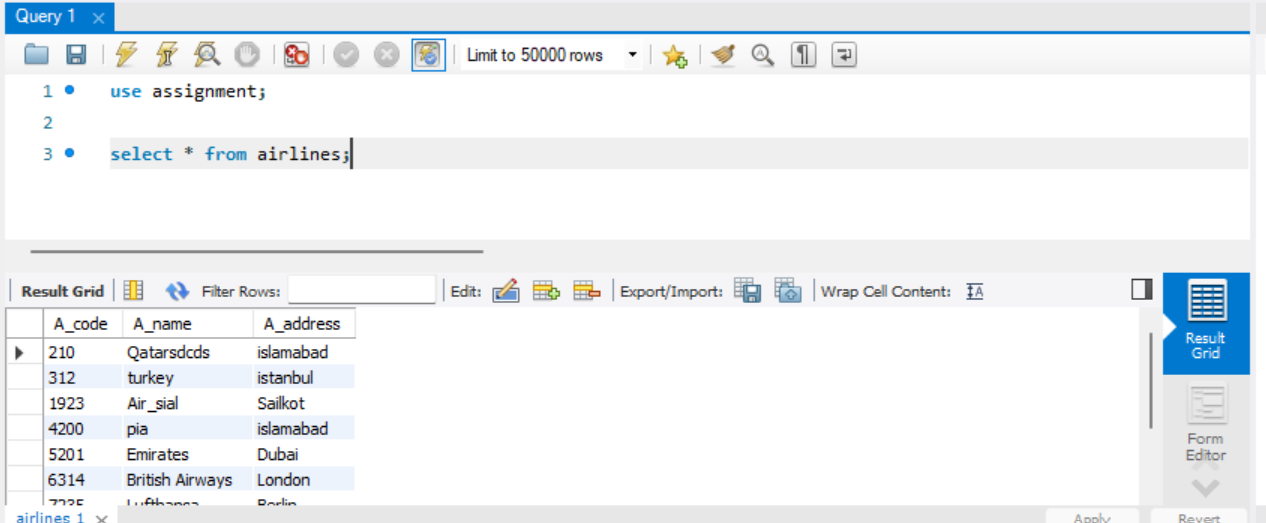
* **Sign\_up\_to** (p\_code, p\_number)
* **Approval (**v\_code, Lf\_code, kohser\_meals)
* **provides (**A-code, F\_id)
* **booked\_by (**f\_id, t\_code)
* **Offers (**A\_code, p\_code)
* **Offered (**p\_number, v\_code, LF\_code, f\_id)



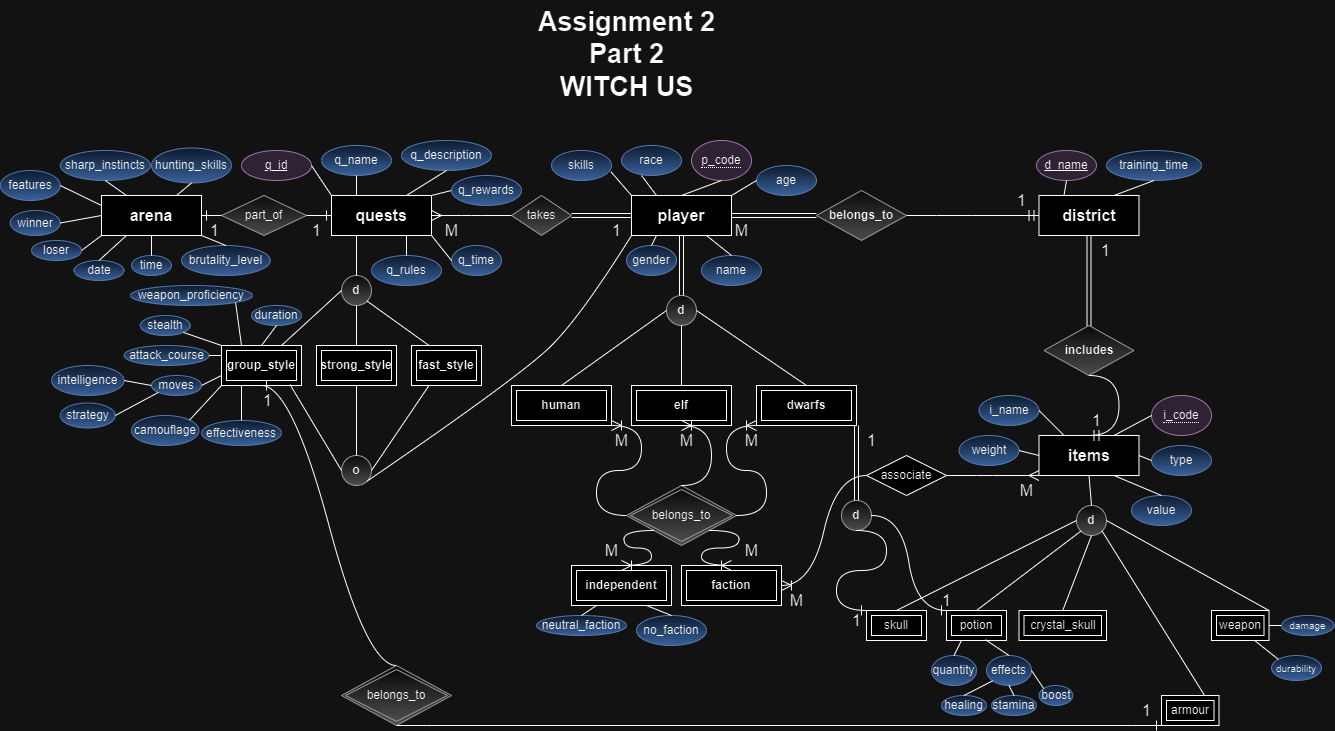
**Description of all tables**



**Dataset**

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**PART-2**



**THE END**