

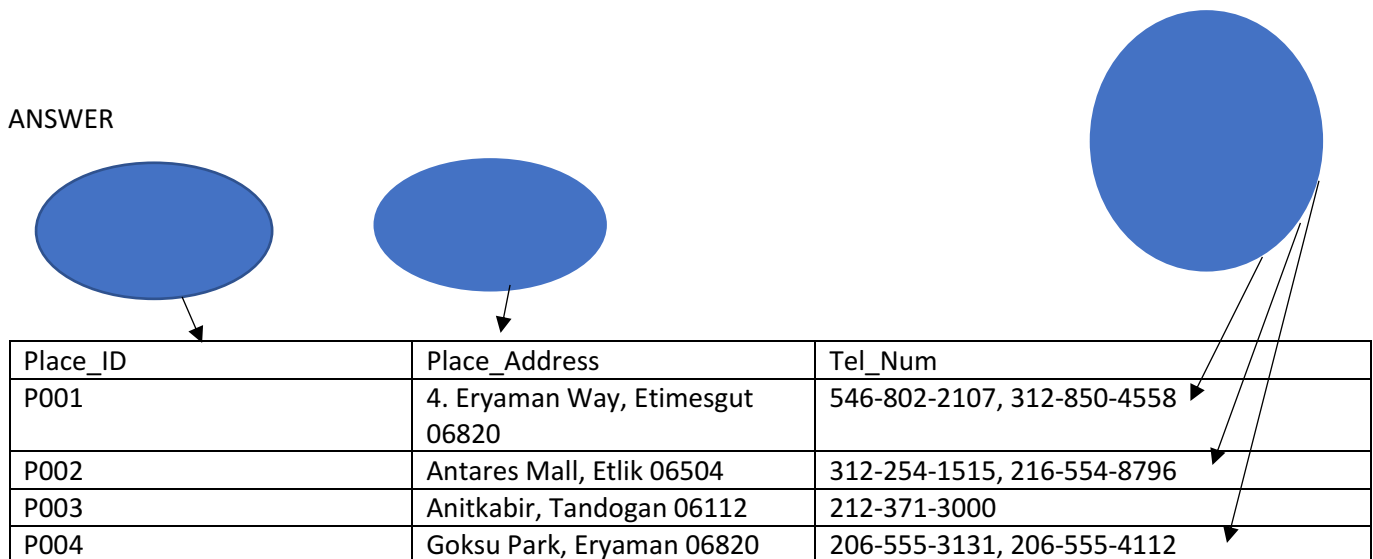
| Place_ID | Place_Address | Tel_Num |
|----------|---------------------------------|----------------------------|
| P001 | 4. Eryaman Way, Etimesgut 06820 | 546-802-2107, 312-850-4558 |
| P002 | Antares Mall, Etlik 06504 | 312-254-1515, 216-554-8796 |
| P003 | Anitkabir, Tandogan 06112 | 212-371-3000 |
| P004 | Goksu Park, Eryaman 06820 | 206-555-3131, 206-555-4112 |

Q1) Why is this table not in 1NF?

Q2) Describe and illustrate the process of normalizing the data shown in this table to third normal form.

Q3) Identify the primary, alternate and foreign keys in your 3NF relations.

ANSWER



| Place_ID | Place_Address | Tel_Num |
|----------|---------------------------------|----------------------------|
| P001 | 4. Eryaman Way, Etimesgut 06820 | 546-802-2107, 312-850-4558 |
| P002 | Antares Mall, Etlik 06504 | 312-254-1515, 216-554-8796 |
| P003 | Anitkabir, Tandogan 06112 | 212-371-3000 |
| P004 | Goksu Park, Eryaman 06820 | 206-555-3131, 206-555-4112 |

