1. Zip code 28759 in city Bremen

2. All properties posted by Qasim

```
MariaDB [Group-4]> SELECT P.P_id, P.City, P.Zip_code
    -> FROM (
          SELECT AS1.P_id, AS1.City, AS1.Zip_code
          FROM Single_User SU
          JOIN Properties_single PS ON SU.S_id = PS.S_id
AS1.S_id
                 JOIN Apartment_single AS1 ON PS.S_id = AS1.S_id
    WHER
          WHERE SU.First_name = 'Qasim'
          UNION
 WHERE SU.First_name
                       -> = 'Qasim'
) AS SELECT HS1.P_id, HS1.City, HS1.Zip_code
        FROM Single_User SU
          JOIN Properties_single PS ON SU.S_id = PS.S_id
          JOIN House_single HS1 ON PS.S_id = HS1.S_id
          WHERE SU.First_name = 'Qasim'
    -> ) AS P;
 P_id | City | Zip_code |
                    28759
     1 | Bremen |
     2 | Bremen |
                    28759
2 rows in set (0.001 sec)
```

3. Houses posted by Qasim with price < \$250000

4. Select furnished properties from both Apartment_single and Apartment_company tables

5. Select properties from both Apartment_single and Apartment_company tables, ordered by post_data in descending order

6. Find sellers with more than 100 properties sold

```
MariaDB [Group-4]> SELECT Seller.Seller_id AS S_id, SUM(Seller.P_sold) AS TotalPropertiesSold
NION ALL
    SE
         -> FROM (
        SELECT S_id AS Seller_id, P_sold
    ->
          FROM Single_Seller
          UNION ALL
         SELECT C_id AS Seller_id, P_sold
    ->
        FROM Company_Seller
   -> ) AS Seller
    -> GROUP BY Seller.Seller_id
    -> HAVING SUM(Seller.P_sold) > 100;
| S_id | TotalPropertiesSold |
    2 |
                        159 |
1 row in set (0.001 sec)
```

7. Select properties of any type with a price less than \$100,000

```
MariaDB [Group-4]> SELECT P_id, Size, N_rooms, N_bath, Price
   -> FROM Apartment_single
   -> WHERE Price < 100000 UNION ALL
   -> SELECT P_id, Size, N_rooms, N_bath, Price
   -> FROM House_single
   -> WHERE Price < 100000 UNION ALL
-> SELECT P_id, Size, N_rooms, N_bath, Price
   -> FROM Apartment_company
    -> WHERE Price < 100000 UNION ALL
    -> SELECT P_id, Size, N_rooms, N_bath, Price
    -> FROM House_company
   -> WHERE Price < 100000;
 P_id | Size | N_rooms | N_bath | Price |
     3 |
          220 l
                       2 |
                                 1 | 86000
 row in set (0.001 sec)
```

8. Select properties where the number of rooms is greater than 2 and the number of bathrooms is greater than or equal to 1

```
.aub [Group-4]> SELECT P_
-> FROM Apartment_single
    -> WHERE N_rooms > 2 AND N_bath >= 1 UNION ALL
ROM House_single
WHERE N_rooms > 2
                        -> SELECT P_id, Size, N_rooms, N_bath
AND N_bat -> h >= 1 UFROM House_single
     -> WHERE N_rooms > 2 AND N_bath >= 1 UNION ALL
    -> SELECT P_id, Size, N_rooms, N_bath
-> FROM Apartment_company WHERE N_rooms > 2 AND N_bath >= 1 UNION ALL
ooms, N_bath
         -> SELECT P_id, Size, N_rooms, N_bath
FROM
    -> FROM House_company
    -> WHERE N_rooms > 2 AND N_bath >= 1;
 P_id | Size | N_rooms | N_bath |
          450
                        3 I
                                   2 I
          1200
                                   4 |
     5
           330
                        4
                                   2 |
           310
                         3 |
                                   2 |
4 rows in set (0.001 sec)
```

9. Select all properties posted by a company in Bremen