1) Find addresses of homes in your city (for example Guwahati) with rent between Rs.20,000 and Rs. 40,000 per month.

mysql> SELECT PID,

- -> CONCAT\_WS(', ', houseNum, street, zipcode, city) AS Address
- -> FROM property
- -> WHERE (listType, city) = ('R', 'Los Angeles')
- -> AND price BETWEEN 20000 AND 40000;

3) Find the name of the agent who has sold the most property in the year 2021 by total amount in rupees.

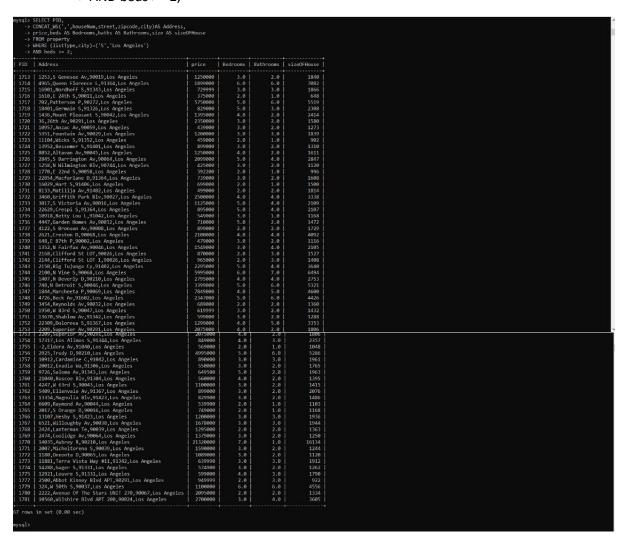
```
mysql> WITH temp AS (
```

- -> SELECT EID, SUM(price) as soldValue
  - -> FROM property
  - -> WHERE dateSold BETWEEN "2021-01-01" AND "2021-12-26"
  - -> GROUP BY EID
  - ->)
  - -> SELECT name
  - -> FROM employee
  - -> WHERE EID = (
  - -> SELECT EID
  - -> FROM temp
  - -> WHERE soldValue = (SELECT MAX(soldValue)
  - -> FROM temp)
  - ->);

4) Find the addresses of homes in your city that are available for sale and that has at least 2 bed rooms. List the asking price and the number of bedrooms, with other details that may be necessary.

mysql> SELECT PID,

- -> CONCAT\_WS(',',houseNum,street,zipcode,city)AS Address,
- -> price, beds AS Bedrooms, baths AS Bathrooms, size AS sizeOFHouse
- -> FROM property
- -> WHERE (listType,city)=('S','Los Angeles')
- -> AND beds >= 2;



5) List the details of the most expensive houses and the houses with the highest rent, in the database.

```
SELECT PID, beds, baths,
CONCAT WS(', ', houseNum, street, zipcode, city) AS Address,
"Rental" AS Type,
CASE
WHEN EID IS NULL THEN "Available"
ELSE "Rented"
END AS "Status",
CONCAT_WS(" ", "$", property.price) AS "Price",
CASE
WHEN propType = 'A' THEN 'Apartment'
ELSE 'House'
END AS 'Property Type'
FROM property
WHERE listType = 'R'
ORDER BY 7 DESC
LIMIT 3;
SELECT PID, beds, baths,
CONCAT_WS(', ', houseNum, street, zipcode, city) AS Address,
"Sale" AS Type,
CASE
WHEN EID IS NULL THEN "Unsold"
ELSE "Sold"
END AS "Status",
CONCAT_WS(" ", "$", property.price) AS "Price",
CASE
WHEN propType = 'A' THEN 'Apartment'
ELSE 'House'
END AS 'Property Type'
FROM property WHERE listType = 'S'
ORDER BY 7 DESC
LIMIT 3;
```