(a) List the houses in your city (for example, Guwahati) that are built later than 2023 and are available for rent

SELECT * FROM Property WHERE City = 'Guwahati' AND YearOfConstruction > 2023 AND IsAvailableForRent = TRUE;

(b) Find the addresses of the houses in your city costing between Rs.10,00,000 and Rs.50,00,000

SELECT Address FROM Property WHERE City = 'Guwahati' AND SellingPrice BETWEEN 1000000 AND 5000000;

(c) Find the addresses of the houses for rent in G.S.Road with at least 2 bedrooms and costing less than Rs.15,000 per month

SELECT Address FROM Property WHERE Locality = 'G.S.Road' AND Bedrooms >= 2 AND RentAmount < 15000 AND IsAvailableForRent = TRUE;

(d) Find the name of the agent who has sold the most property in the year 2024 by total amount in rupees

SELECT a.Name, SUM(s.SalePrice) AS TotalSales FROM Sales s JOIN Agent a ON s.AgentID = a.AgentID WHERE YEAR(s.SaleDate) = 2024 GROUP BY a.Name ORDER BY TotalSales DESC LIMIT 1;

(e) For each agent, compute the average selling price of properties sold in 2024, and the average time the property was on the market

SELECT a.AgentID, a.Name, AVG(s.SalePrice) AS AvgSalePrice, AVG(s.MarketTime) AS AvgMarketTime FROM Sales s JOIN Agent a ON s.AgentID = a.AgentID WHERE YEAR(s.SaleDate) = 2024 GROUP BY a.AgentID, a.Name;

(f) List the details of the most expensive houses and the houses with the highest rent in the database

Most Expensive Houses:
SELECT * FROM Property WHERE SellingPrice = (SELECT MAX(SellingPrice) FROM Property);

Houses with the Highest Rent:
SELECT * FROM Property WHERE RentAmount = (SELECT MAX(RentAmount) FROM Property);