

IIT Tutorial 10

```
SELECT * FROM PropertyForRent;
```

```
SELECT propertyNo, street, city, rent
FROM PropertyForRent
WHERE city = 'Glasgow' AND rent < 500;
```

```
SELECT staffNo, fName, lName, position, salary
FROM Staff
ORDER BY salary DESC;
```

```
SELECT ROUND(AVG(rent),2) AS avg_rent,
       MIN(rent) AS min_rent,
       MAX(rent) AS max_rent
FROM PropertyForRent;
```

```
SELECT city, COUNT(*) AS property_count
FROM PropertyForRent
GROUP BY city
HAVING COUNT(*) > 1
ORDER BY property_count DESC;
```

```
SELECT c.clientNo, c.fName, c.lName
FROM Client c
WHERE c.clientNo IN (
    SELECT r.clientNo
    FROM Registration r
    WHERE r.staffNo IN (
        SELECT s.staffNo FROM Staff s WHERE s.salary > 20000
    )
);
```

```
SELECT p.propertyNo, p.street, p.city, o.fName AS ownerFirst, o.lName AS ownerLast
FROM PropertyForRent p
JOIN PrivateOwner o ON p.ownerNo = o.ownerNo;
```

```
SELECT fName, lName FROM Staff
UNION
SELECT fName, lName FROM PrivateOwner;
```

Mini Tasks

```
SELECT *  
FROM PropertyForRent  
WHERE city == 'Glasgow'  
ORDER BY rent DESC
```

```
SELECT branchNo, COUNT(*) as total_employees  
FROM Staff  
GROUP BY branchNo
```

```
SELECT p.propertyNo, p.city, p.rent  
FROM PropertyForRent as P  
WHERE p.rent > (  
    SELECT AVG(rent)  
    FROM PropertyForRent  
    where city == p.city);
```

PART B

1. Market focus

```
SELECT city, COUNT(*) AS listing_count  
FROM PropertyForRent  
GROUP BY city  
ORDER BY listing_count DESC
```

2. Premium segment

```
SELECT propertyNo, city, rent  
FROM PropertyForRent  
ORDER BY rent DESC  
LIMIT 5
```

3. Owner coverage

```
SELECT ownerNo,  
COUNT(*) AS property_count  
FROM PropertyForRent  
GROUP BY ownerNo  
HAVING COUNT(*) >= 2;
```

4. Staff performance

