

## DB09 – Exercise Solutions

### Suggested Solutions:

1	SELECT * FROM Owners ORDER BY Surname, Forename;
2	SELECT Town, PropNo, Type, MonthlyRent FROM Properties ORDER BY Town, Type, MonthlyRent DESC;
3	SELECT * FROM Properties WHERE Town = 'Killarney';
4	SELECT * FROM Properties WHERE Status = 'A' AND NoBeds = 3;
5	SELECT * FROM Properties WHERE Town = 'Tralee' AND Type = 'H' AND NoBeds = 3;
6	SELECT Type, COUNT(Type) AS Total FROM Properties GROUP BY Type ORDER BY Type;
7	SELECT Town, COUNT(Town) AS Total_Houses FROM Properties WHERE Type = 'H' GROUP BY Town;
8	SELECT PropNo, COUNT(PropNo) AS Result FROM Rentals GROUP BY PropNo;
9	SELECT Rentals.PropNo, COUNT(PropNo) AS Result FROM Rentals GROUP BY PropNo HAVING COUNT(PropNo)>1;
10	SELECT MIN(MonthlyRent) AS Minimum, MAX(MonthlyRent) AS Maximum, AVG(MonthlyRent) AS Average FROM Properties WHERE Type = 'A';

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11	<pre>SELECT * FROM Properties WHERE MonthlyRent &gt; (SELECT AVG(MonthlyRent)                      FROM Properties);</pre>
12	<pre>SELECT * FROM Owners WHERE Surname LIKE 'S*';</pre>
13	<pre>SELECT * FROM Tennants WHERE Surname LIKE 'Fitz*';</pre>
14	<pre>SELECT * FROM Properties WHERE NoBeds&gt;3 AND Status = 'A';</pre>
15	<pre>SELECT P.PropNo, Type, Town FROM Properties P, Rentals R WHERE P.Prop_No = R.PropNo(+) AND       Date_From IS NULL;  OR  SELECT P.PropNo, Type, Town FROM Properties P LEFT JOIN Rentals R ON P.Prop_No = R.PropNo WHERE Date_From IS NULL;</pre>