

Name: _____

Date: _____

Understanding SQL: Somerset Cars

A car dealer stores data about the cars in their showroom. Figure 1 shows the data returned from the database when the SQL statement `SELECT * FROM Cars` is executed.

CarID	Make	Model	Year	ValidMOT	Price	Colour
001	Audi	A3 Sport	2012	TRUE	10000	Black
002	Nissan	Qashqai	2010	TRUE	8000	Orange
003	Peugeot	206	2005	FALSE	400	Black
004	Audi	A6	2010	TRUE	7095	Blue
005	Audi	Q3 Sport	2018	TRUE	27095	Blue
006	Volkswagen	Golf	2013	FALSE	13049	Red
007	Volkswagen	Polo	2009	TRUE	7000	White
008	Ford	Focus	2010	TRUE	3949	White
009	BMW	Mini	2012	FALSE	6999	Purple
010	BMW	1 series	2017	TRUE	17000	White

Figure 1: Cars table

Examples (Note that only strings use quotation marks in the WHERE statement)




Give the SQL statement that would be needed to all cars made by Ford. All fields must be displayed in your results.	Give the SQL statement that would be needed to all cars over £3000. Only the Make, Model and Price should be displayed.
<pre>SELECT * FROM Cars WHERE Make = 'Ford'</pre>	<pre>SELECT Make, Model, Price FROM Cars WHERE Price > 3000</pre>

=	!=	>	<	>=	<=
Equal to	Not equal to	Greater than	Less than	Greater than or equal to	Less than or equal to

CarID	Make	Model	Year	ValidMOT	Price	Colour
001	Audi	A3 Sport	2012	TRUE	10000	Black
002	Nissan	Qashqai	2010	TRUE	8000	Orange
003	Peugeot	206	2005	FALSE	400	Black
004	Audi	A6	2010	TRUE	7095	Blue
005	Audi	Q3 Sport	2018	TRUE	27095	Blue
006	Volkswagen	Golf	2013	FALSE	13049	Red
007	Volkswagen	Polo	2009	TRUE	7000	White
008	Ford	Focus	2010	TRUE	3949	White
009	BMW	Mini	2012	FALSE	6999	Purple
010	BMW	1 series	2017	TRUE	17000	White

Figure 1: Cars table

BRONZE Challenges:

Q		Video Help
1	Give the SQL statement that would be needed to show all red cars. Only the Make, Model and Colour fields should be displayed.	
2	Give the SQL statement that would be needed to show all cars made by BMW. All fields must be displayed in your results.	
3	Give the SQL statement that would be needed to show all cars made in the year 2010. Only the Make and Model should be shown.	
4	Give the SQL statement that would be needed to show all cars with a valid MOT. All fields must be displayed in your results.	
5	Give the SQL statement that would be needed to show all cars not made by Nissan. All fields must be displayed in your results.	
6	Give the SQL statement that would be needed to show all cars except ones which are red. All fields must be displayed in your results.	
7	Give the SQL statement that would be needed to show all cars over £10,000. Only the Make, Model and Price should be displayed.	
8	Give the SQL statement that would be needed to show all cars before 2012. All fields must be displayed in your results.	
9	Give the SQL statement that would be needed to show all cars costing £7000 or less. Only the Make, Model and Price should be displayed.	
10	Give the SQL statement that would be needed to show all cars made in the year 2004 or after. Only the Model and Price should be displayed.	