17. A car retailer has four showrooms.

MARKS | DO NOT WRITE IN THIS MARGIN

A relational database is used to store details of the four showrooms and the cars they have for sale.

Showroom		
showroomID	**city**	**manager**
Gla1	Glasgow	Ray Rain
Gla2	Glasgow	Kate Jones
Abd	Aberdeen	Sue Gearan
Dun	Dundee	Sadiq Yavuz

Car						
carID	**make**	**model**	**colour**	**seats**	**salePrice**	**showroomID**
1	McLaren	F1	blue	3	900000	Dun
2	Jaguar	XKR	silver	2	70000	Gla1
3	SMART	Sports	green	3	22300	Abd
4	Nissan	GT-R	red	4	80000	Dun
5	Alfa Romeo	Giulia	green	2	50000	Dun
6	Audi	TT Coupe	white	4	12050	Gla2
7	Mazda	MX-5	black	2	21987	Abd
8	Jaguar	F-Type	red	2	105200	Dun
9	SMART	Sports	yellow	3	17000	Gla1
...	...	...	...	...	...	...

(a) Design a query that would output the model, number of seats and the showroom manager for all the Jaguar cars located in Glasgow. **4**

Field(s)	
Table(s)	
Search criteria	

MARKS

(b) An SQL statement is implemented to find all two seater cars and produces the output below.

make	model	salePrice
Alfa Romeo	Giulia	50000
Alfa Romeo	GTV	35000
Alfa Romeo	Spider	66000
Fiat	Spider 124	26345
Jaguar	F-Type	105200
Jaguar	XJS	45595
Jaguar	XKR	70000
Lotus	Evora	72500
Mazda	MX-5	21987
Porsche	Cayman 718	40000

Write the SQL statement that will produce this output, in the order shown. **4**

(c) One functional requirement is to output the make, model and price of cars costing less than 60000 which are not in Glasgow.

```
SELECT make, model, colour, salePrice
FROM Car
WHERE showroomID = "Abd"
AND salePrice < 60000;
```

Give two reasons why the SQL statement would not produce the required output. **2**

Reason 1 _____

_____

Reason 2 _____

_____