

16. Caledonian Wheels organises a motorsport racing championship. A database is used to store data on racing teams and their individual drivers. The data stored in the database is shown below.

<b>Team</b>			
<b>teamID</b>	<b>teamName</b>	<b>titlesWon</b>	<b>location</b>
RR32	Rapid Racers	7	Italy
SS21	Swift Streaks	3	United Kingdom
TT16	Turbo Titans	2	Germany
VR12	Velocity Vipers	4	Italy
ER54	Elite Racers	1	United Kingdom
PV81	Prime Speed	5	Spain

<b>Driver</b>					
<b>driverNum</b>	<b>forename</b>	<b>surname</b>	<b>wins</b>	<b>points</b>	<b>teamID</b>
1	Shannon	Kelly	5	125	ER54
3	Ezri	Wuzik	2	50	PV81
4	Jackie	Price	2	50	RR32
11	Kai	West	4	100	SS21
14	Charlie	Wilkinson	1	25	TT16
18	Moss	Gray	0	0	VR12
22	Kris	Hunt	1	25	SS21
31	Meenal	Ibrahim	3	75	VR12
55	Ollie	Graham	6	150	TT16
63	Gerry	Fox	0	0	PV81
77	Jackie	West	1	25	ER54
81	Akari	Ogawa	0	0	RR32



\* X 8 1 6 7 5 0 1 2 2 \*

## 16. (continued)

- (a) Caledonian Wheels want to share details about all the UK based drivers who have had a successful year so far.
- (i) Design a query to search the database for a driver's full name, driver number and team name who have won more than three races and drive for a United Kingdom based team.

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Field(s)	
Table(s)	
Search Criteria	

- (ii) Describe how the SQL statement could be tested when the query is created.

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- (b) The following SQL statement is implemented in the database.

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SELECT teamID, teamName, titlesWon
FROM Team
WHERE (teamID = "PV81" OR location = "Italy") AND titlesWon >=5
```

Write the expected output from this SQL statement.

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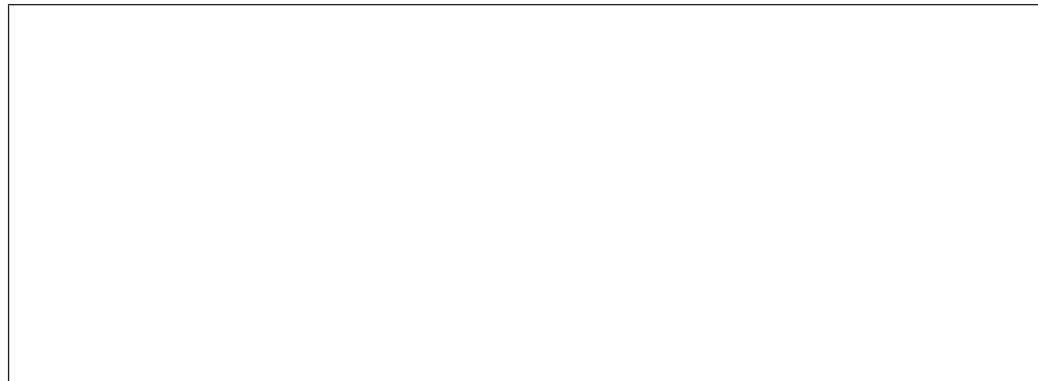


16. (continued)

- (c) Jackie West won her 2<sup>nd</sup> race of the season increasing her points to 50.

Write the SQL statement to update Jackie's details.

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- (d) A new driver is to be added.

```
INSERT INTO Driver (driverNum, forename, surname, wins,  
points, teamID)  
VALUES (99, "Thomas", "Webb", 0, 0, "PC81")
```

When this SQL statement is run, an error message is displayed stating that the record cannot be added.

Explain why an error message is displayed.

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