

16. A database stores data on a local netball league. The `Club` table stores data of the clubs that play in the league. The `Player` table stores data on each player.

Sample data from each table is shown below.

Club				
clubID	clubName	trainingVenue	contactNo	division
A2706	Joint Forces	Glasgow	01415829631	3
B1803	Shooting Stars	Renfrewshire	01245668123	2
E0408	Team Titans	Glasgow	01415571239	1
P2507	Hot Shots	Lanarkshire	01245789456	1
H0311	Throwing Tigers	Glasgow	01418529637	2
...	...	...	...	...

Player					
playerID	name	email	age	position	clubID
358	Meenal	m.hussain8@blues.com	21	Goal keeper	E0408
562	Jacob	smithj_47@rt.co.uk	25	Goal shooter	A2706
981	Tara	taratara2@getmail.com	24	Centre	P2507
742	Ibrahim	ib0201@blues.com	36	Wing defence	E0408
801	Devin	smithdev1@getmail.com	30	Goal shooter	B1803
129	Amber	ambersun9@rt.co.uk	21	Wing attack	A2706
232	Xander	XanderXander8@rt.co.uk	38	Goal defence	E0408
475	Harris	mrharris_g@blues.com	36	Goal attack	E0408
603	Zohra	zohra_lan@getmail.com	32	Centre	B1803
...	...	...	...	...	...

- (a) Explain the purpose of the foreign key `clubID` in the `Player` table.

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16. (continued)

MARKS

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- (b) Design a query that could be used to create a list of names and the division for Goal keepers that are over 30 years old.

4

Field(s)	
Table(s)	
Search Criteria	

- (c) (i) The netball league wants a list of players who meet at least one of the following criteria:

- train in Lanarkshire
- play for a team in division 2.

Complete the SQL query below.

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SELECT clubName, name, playerID

FROM \_\_\_\_\_

WHERE \_\_\_\_\_

\_\_\_\_\_

- (ii) Describe how this SQL query should be tested.

2

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- (d) Explain why it is better to have referential integrity implemented before adding a new player to the netball database.

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