

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@gmail.com	24	Centre	P2507
742	Ibrahim	ib0201@blues.com	36	Wing defence	E0408
801	Devin	smithdev1@gmail.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@gmail.com	32	Centre	B1803
...

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

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

16. (continued)

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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

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

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