

c) Add c_id as PRIMARY KEY for COUNTRY table.



```
alter table country add primary key(c_id);
```

```
desc country;
```

Script Output x

Task completed in 0.052 seconds

Table COUNTRY altered.

Name	Null?	Type
C_ID	NOT NULL	VARCHAR2(20)
C_NAME		VARCHAR2(20)

d) Drop the table COUNTRY.



```
drop table country;
```

Script Output x

Task completed in 0.039 seconds

Table COUNTRY dropped.

e) Write appropriate DML statements to insert values in all the tables under the above database.



```
INSERT INTO Match009 (match_id, team1,
team2, ground, match_date, winner)
VALUES ('2327', 'Pakistan', 'India',
'Rawalpindi', '11-feb-2006', 'Team2');
```

Script Output x

Task completed in 0.021 seconds

1 row inserted.

```
INSERT INTO Player009 (Player_ID, L_Name,
F_Name, Country, Year_Born, Birth_Place,
F_Test) VALUES ('89001', 'Tendulkar',
'Sachin', 'India', '1973', 'Mumbai', '1989');
```

Script Output x

Task completed in 0.021 seconds

1 row inserted.

```
INSERT INTO batting009 (Match_ID,
Player_ID, n_Order, h_Out, FOW,
N_Runs, Mts, Nballs, Fours, Six)
VALUES ('2755', '23001', 3, 'C',
51, 0, 12, 6, 0, 0);
```

Script Output x

Task completed in 0.021 seconds

1 row inserted.

```
INSERT INTO bowling009 (Match_ID,
Player_ID, N_Overs, Maidens,
N_Runs, N_Wickets) VALUES ('2689',
'99001', 10, 0, 58, 1);
```

Script Output x

Task completed in 0.021 seconds

1 row inserted.

f) Add a new column to BATTING table.

```
alter table batting009 add MOM varchar(20);
desc batting009;
```

Script Output x

Task completed in 0.86 seconds

Table BATTING009 altered.

Name	Null?	Type
MATCH_ID		VARCHAR2 (10)
PLAYER_ID		VARCHAR2 (10)
N_ORDER		NUMBER (3)
H_OUT		VARCHAR2 (5)
FOW		NUMBER (3)
N_RUNS		NUMBER (3)
MTS		NUMBER (3)
NBALLS		NUMBER (3)
FOURS		NUMBER (3)
SIX		NUMBER (3)
MOM		VARCHAR2 (20)

g) Delete a column from BATTING table.

```
alter table batting009 drop column mom;
desc batting009;
```

Script Output x

Task completed in 0.213 seconds

Table BATTING009 altered.

Name	Null?	Type
MATCH_ID		VARCHAR2 (10)
PLAYER_ID		VARCHAR2 (10)
N_ORDER		NUMBER (3)
H_OUT		VARCHAR2 (5)
FOW		NUMBER (3)
N_RUNS		NUMBER (3)
MTS		NUMBER (3)
NBALLS		NUMBER (3)
FOURS		NUMBER (3)
SIX		NUMBER (3)

h) Change any column name of a table.

```
select n_order as batting_order,  
h_out as out_type from batting009;
```

Query Result x

SQL | All Rows Fetched: 16 in 0.006 seconds

	BATTING_ORDER	OUT_TYPE
1	3	C
2	5	C
3	1	C
4	7	LBW
5	11	NO
6	2	C
7	4	C
8	5	C
9	1	C
10	3	C

i) Get the match id which was played on 27th August, 2008 at Colombo.

```
select match_id  
from match009  
where match_date  
=To_date('27-aug-2008')  
AND Ground='Colombo';
```

Query Result x

SQL | All Rows Fetched: 1 in 0.095 seconds

	MATCH_ID
1	2755

j) Get all match records as the column 'mdate' will be shown as "match_date".

```
select match_id,team1,team2,ground,match_date as m_date,  
winner from match009;
```

Query Result x						
SQL All Rows Fetched: 20 in 0.005 seconds						
	MATCH_ID	TEAM1	TEAM2	GROUND	M_DATE	WINNER
1	2324	Pakistan	India	Peshawar	06-02-06	Team1
2	2327	Pakistan	India	Rawalpindi	11-02-06	Team2
3	2357	India	England	Delhi	28-03-06	Team1
4	2377	West Indies	India	Kingston	18-05-06	Team2
5	2404a	Sri Lanka	India	Colombo	16-08-06	Abandoned
6	2440	India	Australia	Mohali	29-10-06	Team2
7	2449	South Africa	India	Cape Town	26-11-06	Team1
8	2480	India	West Indies	Nagpur	21-01-07	Team1
9	2632	India	Australia	Mumbai	17-10-07	Team1
10	2643	India	Pakistan	Guwahati	05-11-07	Team1

k) Find the player id, first name and last name of all players.

```
select player_id,l_name,f_name  
from player009;
```

Query Result x			
SQL All Rows Fetched: 30 in 0.005 seconds			
	PLAYER_ID	L_NAME	F_NAME
1	89001	Tendulkar	Sachin
2	90001	Lara	Brian
3	95001	Ponting	Ricky
4	96001	Dravid	Rahul
5	96002	Gibbs	Herschelle
6	92001	Warne	Shane
7	95002	Pollock	Shaun
8	99003	Vaughan	Michael
9	92003	Ul-Huq	Inzamam
10	94004	Fleming	Stephen

I) Insert a new player Michael Clarke with player id 200311 in PLAYER table.

```
insert into player009(player_id,l_name,  
f_name,country,year_born,birth_place,f_test)  
values('200311','Clarke','Michael',  
'Null','Null','Null','Null');
```

```
select f_name,l_name  
from player009 where player_id='200311';
```

Script Output x Query Result x

SQL | All Rows Fetched: 1 in 0.002 seconds

	F_NAME	L_NAME
1	Michael	Clarke