Mahlet Zemedie

HW1

1. SELECT A.NAME, A.ID

   FROM   Player A

  WHERE A.PlayPos= 'center';

2.

// As there is an attribute called '**total**points' in the 'stats' table, the question is ambiguous since this column/attribute say "**total**points ". I am not sure if the values in totalpoints column are just some points in a year that needs to sum up or we actually have values that are already total points in each year. Therefore, I provide the answer for both scenarios.

#approach one

SELECT B.TotalPoints,B.Year

FROM Player A, Stats B

 WHERE A.ID = B.PlayerID AND A.Name = 'Pistol Pete'

 #approach two

  SELECT sum(B.TotalPoints),B.Year

  FROM Player A, Stats B

  WHERE A.ID = B.PlayerID AND A.Name = 'Pistol Pete'

  group by year

3. SELECT A.Name, A.Email

  FROM manager A, ManagerCertificate B

  WHERE A.ID=B.ManagerID

  GROUP BY A.Name, A.Email

  HAVING COUNT(DISTINCT B.CertificateId) = 2;

4. select A.name

   from player A, Game B, play C

   where A.ID=C.PlayerID and B.GameID=c.GameID and B.PlayingVenue='The pit' and B.result='win';

5. select *

   from Doctor A

   inner join takeExam B on A.Email=B.DocEmail;

6. SELECT B.date, B.Playingvenue, B.result

   FROM player A, Game B, Play C

   WHERE A.Id=C.PalyerID and B.GameID = c.GameID and A.name='Pistol Pete'

   INTERSECT

   SELECT B.date, B.Playingvenue, B.result

   FROM player A, Game B, Play C

   WHERE A.Id=C.PalyerID and B.GameID = c.GameID and A.name='Lobo Louie';

7. SELECT B.date, B.Playingvenue, B.result

   FROM player A, Game B, Play C

   WHERE A.Id=C.playerID and B.GameID = c.GameID and A.name IN ('Pistol Pete','Lobo Louie');

8. select A.name, A.ID

   from player A, stats B

   where A.id=b.playerid and totalpoints > (select avg(B.totalpoints)

                                          from stats B);

9. **#approach 1**

```
select A.name, A.birthday

from player A, player B

where A.id <> B.id and A.birthday=B.birthday;
```

#approach 2

```
select A.name, B.birthday

 player A

where A.birthday in (select A2.birthday

                        from player A2

                        group by A2.birthday

                        having count(*)>1)
```

10.

// As there is an attribute called '**total**points' in the 'stats' table, the question is ambiguous since this column/attribute say "**total**points ". I am not sure if the values in totalpoints column are just some points in a year that needs to sum up or we actually have values that are already total points in each year. Therefore, I provide the answer for both scenarios.

#approach 1

```
select B.totalpoints

from game A, stats B, play C

where C.playerID=B.playerid and C.gameid=A.gameid and A.opponentteam='Aggies' and B.year=2012;
```

#approach 2

```
select B.year,sum(totalpoints)

 from game A, stats B, play C

 where C.playerID=B.playerid and C.gameid=A.gameid and A.opponentteam='Aggies' and B.year=2012

 group by B.year;
```