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CS 482

Assignment 1

1:

```
select P.Name, P.ID  
from Player P  
where PlayPos = 'center';
```

2:

```
select S.Year, S.TotalPoints  
from Player P, Stats S  
where P.Name = 'Pistol Pete' and P.ID = S.PlayerID  
group by S.Year;
```

3:

```
select M.Name, M.Email  
from Manager M, ManagerCertificate MC  
where M.ID = MC.ManagerID  
group by M.Email  
having count(distinct(MC.Certificate)) = 3;
```

4:

```
select P.Name  
from Player P, Game G, Play PL  
where P.ID = PL.PlayerID and G.GameID = PL.GameID and G.PlayingVenue = 'The Pit' and  
G.Result = 'win'  
order by P.Birthday desc;
```

5:

```
select *  
from Doctor D, TakeExam T  
where D.Email = T.DocEmail and T.TestDate is not null;
```

6:

```
(select G.Date, G.PlayingVenue, G.Result  
from Player P, Game G, Play PL  
where P.ID = PL.PlayerID and G.GameID = PL.GameID and P.Name = 'Pistol Pete')  
intersect  
(select G.Date, G.PlayingVenue, G.Result  
from Player P, Game G, Play PL  
where P.ID = PL.PlayerID and G.GameID = PL.GameID and P.Name = 'Lobo Louie');
```

7:

```
select G.GameID, G.Date, G.PlayingVenue, G.Result
from Player P, Game G, Play PL
where P.ID = PL.PlayerID and G.GameID = PL.GameID and P.Name = 'Pistol Pete' and
(G.GameID, G.Date, G.PlayingVenue, G.Result)
    in
    (select G.GameID, G.Date, G.PlayingVenue, G.Result
     from Player P, Game G, Play PL
     where P.ID = PL.PlayerID and G.GameID = PL.GameID and P.Name = 'Lobo Louie');
```

8:

```
select P.Name, P.ID
from Player P, Stats S
where P.ID = S.PlayerID and S.TotalPoints > all (select avg(S.TotalPoints)
                                                from Stats S)
order by P.Name;
```

9:

```
select P.Name, PL.Name, P.Birthday
from Player P, Player PL
where P.ID != PL.ID and P.Birthday = PL.Birthday
```

10:

```
select sum(S.TotalPoints)
from Stats S
where S.Year = '2019';
```