10/15/2019 Assignment3

```
In [2]: import sqlite3
In [3]: conn = sqlite3.connect('database.sqlite')
In [4]: cursor= conn.cursor()
In []: cursor.execute("SELECT name FROM sqlite_master WHERE type='table';")
    print('Tables:', [t[0] for t in cursor.fetchall()])
```

Question 1. Players born between 1987 to 1990 ¶

Question 2

Question 3

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```
In [ ]: | print(' Team Long Names, Average of Attributes')
        print('-'*50)
        qry3 = 'SELECT t.team long name, \
               (buildupplayspeed+buildUpPlayDribbling+buildUpPlayPassing+chanceCreatio
        nPassing+chanceCreationCrossing+chanceCreationShooting+defencePressure+defence
        Aggression+defenceTeamWidth)/9 as average \
        FROM
               team t \
               JOIN (SELECT team fifa api id, \
                             team api id, \
                             Avg(buildupplayspeed) AS buildUpPlaySpeed ,\
                             Avg(buildUpPlayDribbling) AS buildUpPlayDribbling , \
                             Avg(buildUpPlayPassing) AS buildUpPlayPassing , \
                             Avg(chanceCreationPassing) AS chanceCreationPassing , \
                             Avg(chanceCreationCrossing) AS chanceCreationCrossing , \
                             Avg(chanceCreationShooting) AS chanceCreationShooting , \
                             Avg(defencePressure) AS defencePressure , \
                            Avg(defenceAggression) AS defenceAggression , \
                            Avg(defenceTeamWidth) AS defenceTeamWidth \
                            team attributes \
                      FROM
                            BY team fifa api id, \
                     GROUP
                                team api id) src \
                 ON t.team_api_id = src.team_api_id \
                    AND t.team fifa api id = src.team fifa api id \
        order by average desc'
        for res in cursor.execute(qry3):print(res)
```

Question 4

Question 5

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Graduate Student Task

```
In [ ]:
```