Sam Dahlberg, Nick Hinchliffe, Chris Villamarin

12/4/19

Wu

DML

**Simple Queries:**

1)

#Find name and years of staff who have worked for longer than 10 years

SELECT NAME, DateEmployed AS years\_worked

2)

#Find players who are older than 30

Select Name, Age

From player

Where age > 30;

3)

#Find headcoaches whos starting year is 2019

Select Name, startingYears

From headcoach

WHERE startingYears = 2019

4)

#Find all the players

SELECT \*

FROM player;

**Intermediate Queries:**

1)

#Find the max weight and average weight of all the players

SELECT MAX(weight) as max\_weight, MIN(weight) as Min\_weight

from player;

2)

#Count all the tickets from teams 1 and 2 (patriots and bills)

SELECT COUNT(TicketID)

FROM fan

WHERE teamID = 1 or teamID = 2

3)

#Find average salary for each department

Select Department, AVG(Salary) As AverageSalary

FROM Staff

Group By Department

Order By AverageSalary DESC;

**Advanced Queries:**

1)

#Print fan’s Team and Mascot

Select f.Name AS Fan, t.Name AS TeamName, Mascot

From team t, fan f

WHERE t.teamID = f.teamID AND f.NAME LIKE 'N%';

2)

#Print Player Stats

Select Name, Stats

From player p, stats s

WHERE p.playerID = s.playerID;

3)

#Find info about Brady over 4 tables.

Select p.Name, p.age, yearInLeague, college, POSITION, height, weight, wins, losses, s.Name AS Stadium, h.Name AS CoachName

FROM Player p, Record r, headcoach h, stadium s

WHERE p.NAME = 'Tom Brady' AND p.TeamID = r.TeamID AND r.TeamID = h.TeamID AND h.TeamID = s.TeamID;