SQL Assignment -1

#1 Players in Dataset

Select count(\*) as No\_of\_Players from fifa;

#2 Count of nationalities

Select Nationality, count(\*) from fifa group by 1;

#3 Top 3 Nationalities by count of players

Select Nationality, count(\*) from fifa group by 1 order by count(\*) desc limit 3;

#4 Total wage, avg and standard deviation

Select sum(Wage), avg(Wage), stddev(Wage) from fifa;

#5 Highest and lowest wage by player

(Select Name,Wage from fifa order by Wage desc limit 1) union all (Select Name,Wage from fifa order by Wage limit 1);

#6 Highest and lowest overall rating

(Select Name,Overall from fifa order by Overall desc limit 1) union all (Select Name,Overall from fifa order by Overall limit 1);

#7 Club with highest overall , highest avg of overall rating

(Select Club, sum(Overall) from fifa group by Club order by sum(Overall) desc limit 1) union all (Select Club, avg(Overall) from fifa group by Club order by avg(Overall) desc limit 1);

#8 Top 5 clubs based on avg ratings of players

Select Club, avg(Overall) from fifa group by Club order by avg(Overall) desc limit 5;

#9 Distribution of left footed and right footed players

Select Preferred\_Foot,count(\*) as No\_of\_Players from fifa group by 1;

#10 Luckiest jersey number

Select Jersey\_Number, Penalties from fifa order by Penalties desc limit 1;

#11 No of players from Club where name starts with M

Select Nationality, count(\*) as No\_of\_Players,Club from fifa where Club like "M%" group by nationality,3 order by No\_of\_players desc;

#12 Count of players between 20 may 2018 and 1o april 2019

Select count(\*) as No\_of\_Players from fifa where Joined between '20-05-2018' AND '10-04-2019' ;

#13 Count of players date wise

Select count(\*) as No\_of\_Players,Club,Joined from fifa group by joined,2 order by No\_of\_Players desc;

#14 Count of players year wise

Select count(\*) as No\_of\_Players,Club, Year(STR\_TO\_DATE(Joined, '%d-%m-%Y')) as year from fifa group by Year(STR\_TO\_DATE(Joined, '%d-%m-%Y')),2 order by No\_of\_Players desc;