## Lab3, India Weather Analytics using Historical Data
## Part-J

1. What is the average weather in May of all cities?. Display city and average temperature indescending order.

**select city,avg(temp) from india where month=5 group by city order by avg(temp) desc;**

2. Show the average historic temperature (from year 1995 to Feb 2020, entire table) in each city inascending order of city name.

**select city,avg(temp) from india group by city order by city asc;**

3. Show lowest, highest and average temperature in Kolkata during 2010 to 2020

**select min(temp),max(temp),avg(temp) from india where city='kolkata' and year>=2010;**

4. Find cities and average temperature which recorded atleast 40 degree Celsius in April 2019

**select city,avg(temp) from india where temp>=40 and year=2019 and month=4 group by**
**city;**

5. Show monthwise average temperature in Chennai in 2019. Print month name and averagetemperature values

**select month,avg(temp) from india where city='chennai' and year=2019 group by month;**

6. Show year wise average temperature of Mumbai. Print year and corresponding averagetemperature values, in descending order

**select year,avg(temp) from india where city='mumbai' group by year order by year desc;**

7. Show city wise yearly average temperature values for the years 2017, 2018 and 2019. City namesas rows and years as columns. Each cell will denote its average temperature value.