Lab2, India Weather Analytics using Historical Data Part-1

1. What is the lowest, highest and average temperature of your dataset (from year 1995 to February 2020)?

    select max(temperature),min(temperatureerature),avg(temperature) from india;

2. What is the average temperature in May 2019 in Chennai?

    select avg(temperature) from india where month=5 and year=2019 and city='chennai';

3. Which is the hottest day in 2019 in Delhi?

    select 'hottest day',day,month from india where temperature=(select max(temperature) from indiawhere year=2019 and city='delhi');

4. Which is the coldest day in 2018 in Chennai?

    select 'coldest day',day,month from india where temperature=(select min(temperature) from indiawhere year=2018 and city='chennai');

5. Which is the coldest year in December?. Print city and temperatureerature.

    select city,temperature,year from india where temperature=(select min(temperature) from india wheremonth=12);

6. Which is the hottest city in India in 2017?

    select 'hottest city',city from india where temperature=(select max(temperature) from india whereyear=2017);

7. Is winter in Delhi in January 2017 colder than Mumbai?. Print average temperatureerature of Delhi andMumbai too

    select min(temperature) , avg(temperature) from india where city='delhi' and month=1

    and year=2017;select min(temperature) , avg(temperature) from india where

    city='mumbai' and month=1 and
year=2017;

8. Display the day, month, year and city of the coldest day.

    select day,month,year,city from india where temperature=(select min(temperature) from india);