

DATE: 23/11/2021

1. Write a map reduce program to analyze the given **weather report data** and to generate a report with cities having maximum temperature for a particular year
2. Write a map reduce program to analyze the given **weather report data** and to generate a report with cities having minimum temperature for a particular year.
3. Write a map reduce program to analyze the given **weather report data** and to generate a report with cities having maximum and minimum temperature for a particular year.
4. Write a map reduce program to print the **multiplication of two different matrices** ( A= 2x5, B= 5x3 matrix's with input)

$$\begin{bmatrix} 1 & 1 & 1 & 1 & 1 \\ 2 & 2 & 2 & 2 & 2 \end{bmatrix} \quad \begin{bmatrix} 1 & 1 & 1 \\ 1 & 1 & 1 \\ 1 & 1 & 1 \\ 1 & 1 & 1 \\ 1 & 1 & 1 \end{bmatrix}$$

5. Write a Map Reduce program to analyze the given **Earthquake data** and generate statistics with region and magnitude.
6. Write a Map Reduce program to analyze the given **Earthquake data** and generate statistics with region and depth.
7. Write a Map Reduce program to analyze the given **Earthquake data** and generate statistics with region and latitude.

8. Write a Map Reduce program to analyze the given **Earthquake data** and generate statistics with region and longitude.
9. Write a Map Reduce program to analyze the given natural numbers and generate statistics for the number as **odd or even** and print their sum.
10. Write a map-reduce program to analyze the given **Insurance data** and generate a statistics report with the construction building name and the count of building.
11. Write a map-reduce program to analyze the given **Insurance data** and generate a statistics report with the county name and its frequency.
12. Write a map-reduce program to analyze the given employee record data and generate a statistics report with the total number of **female and male employees** and their average salary.
13. Write a map-reduce program to analyze the given **sales records** over a period of time and generate data about the country's total sales, and the total number of the products
14. Write a map-reduce program to analyze the given **sales records** over a period of time and generate data about the country's total sales and the frequency of the payment mode.