TOPIC:RAINFALL
NAME: ATHARVA BHONDE
PRN:B24CE1058

PROGRAM

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#include <iostream>
using namespace std;

class Rainfall {
    int cities, months;
    float rain[10][12]; // max 10 cities and 12 months

public:
    void input() {
        cout << "Enter number of cities: ";
        cin >> cities;
        cout << "Enter number of months: ";
        cin >> months;

        for (int i = 0; i < cities; i++) {
            cout << "City " << i + 1 << ":\n";
            for (int j = 0; j < months; j++) {
                cout << " Month " << j + 1 << " rainfall: ";
                cin >> rain[i][j];
            }
        }
    }

    void display() {
        cout << "\nRainfall Table:\n";

        for (int i = 0; i < cities; i++) {
            float sum = 0;
            cout << "City " << i + 1 << ": ";
```

```
            for (int j = 0; j < months; j++) {
                cout << rain[i][j] << " ";
                sum += rain[i][j];
            }
            cout << " | Avg: " << sum / months << "\n";
        }
    }
};

int main() {
    Rainfall rf;
    rf.input();
    rf.display();

    return 0;
}
```

OUTPUT: