M4 TECH

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TX05

CODE:



#include <iostream>

#include <string>

using namespace std;

struct WeeklyTemp

{

    string cityName;

    string weekName[7];

    float temp[7][1];

};

int main() {

    float sum;

    float averange;

    WeeklyTemp weeklytemp; *// declaration for*

    cout << "What is the name of the city: ";

    getline(cin, weeklytemp.cityName);

*//cout << weeklytemp.cityName; for data checking*

    weeklytemp.weekName[0] = "Monday";

    weeklytemp.weekName[1] = "Tuesday";

    weeklytemp.weekName[2] = "Wednesday";

    weeklytemp.weekName[3] = "Thursday";

    weeklytemp.weekName[4] = "Friday";

    weeklytemp.weekName[5] = "Saturday";

    weeklytemp.weekName[6] = "Sunday";

*//cout << weeklytemp.weekName[0];*

    for (int i = 0; i < 7; i++)

    {

        cout << "Enter temprature " << weeklytemp.weekName[i] << ": ";

        for (int j = 0; j < 1; j++)

        {

            cin >> weeklytemp.temp[i][j];

        }

    }

    for (int i = 0; i < 7; i++)

    {

        for (int j = 0; j < 1; j++)

        {

            sum += weeklytemp.temp[i][j];

        }

    }

    averange = sum / 7;

    cout << "The averange of the temperature in " << weeklytemp.cityName << " is: " << averange;

    return 0;

}

Output:

A screenshot of a computer

Description automatically generated