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// Your project info

#include <iostream>

#include <cmath>

using namespace std;

float calculateSD(float data[]);

int main()
{
    int i,j, factorial = 1;
    float data[10];

    cout << "Enter a positive number (<10):";
    cin >> j;
    cout << "Please enter "<< j << " positive numbers: ";
    for(i = 0; i < j; ++i)
        cin >> data[i];

    cout << endl << "Standard Deviation = " << calculateSD(data)<<endl;

    // implement factorial function

    cout<< "Factorial of "<< j <<" = " << factorial << endl;
    return 0;
}

float calculateSD(float data[])
{
    .....
}

```