// This program calculate the new average temperature of a select few cities

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#include <iostream>

/\*

The average July high temperature is 85 degrees Fahrenheit in New York City,

88 degrees Fahrenheit in Denver, and 106 degrees Fahrenheit in Phoenix.

Write a program that calculates and reports what the new average

July high temperature would be for each of these cities if temperatures rise by 2 percent.

\*/

using namespace std;

int main()

{

// temperature is measured in Fahrenheit

float NYCtemp = 85.0 ,

DenverTemp = 88.0 ,

PhoenixTemp = 106.0 ,

tempRise = 0.02 ;

cout << "The Fahrenheit temperature for these cities is predicted to rise by " ;

cout << tempRise \* 100 << " percent. \nThese are the average temps for the following cities:\n" ;

cout << "New York City, New York will be " << NYCtemp << " degrees Fahrenheit" << endl;

cout << "Denver, Colorado will be " << DenverTemp << " degrees Fahrenheit" << endl;

cout << "Phoenix, Arizona will be " << PhoenixTemp << " degrees Fahrenheit" << endl;

return 0;

}

