KARY HUANG

2/21/16

***PROGRAM***

//Kary Huang Assignment 1

#include <iostream>

#include <cmath>

#include <iomanip>

using namespace std;

int main()

{

cout << "PART A" << endl;

float a, p, r, n;

p = 1000.00;

r = 0.04;

n = 5;

a = p \* pow((1 + r), n);

cout << "The amount in the account at the end of 5 years is $" << a << '.' << "\n\n";

cout << "PART B" << endl;

n = 390;

p = 24;

a = p \* pow((1 + r), n);

cout << fixed << setprecision(2) << "The amount in the account today is worth $" << a << '.' << "\n\n";

return 0;

}

***OUTPUT***

PART A

The amount in the account at the end of 5 years is $1216.65.

PART B

The amount in the account today is worth $105489048.00.

Press any key to continue . . .