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CMSC 104, CRN: 21473 Fall 2021

**CMSC140 Programming Classwork/Homework**

Code/Algorithm:

#include <iostream>

#include <string>

using namespace std;

int main() {

//outputing a message using cout only one time and using \n every time we want to start a new line

cout << "Luiz Mata Lopez \n8625 Kelso Ter. Gaithersburg MD, 20877 \n240-380-4489 \nComputer Science" << endl;

// variables

string visitorName; //declaration

visitorName = "Bob"; //the visitor's name is bob

int num; //declaration

num = 50; //num set to 50

cout << visitorName << endl; //calling the variables

cout << num << endl;

int seconds = 31540000, human\_age = 19, dog\_age = 2, fish\_age = 1;

int minutes = seconds / 60;

int hours = minutes / 60;

int days = hours / 24;

int months = days / 30;

int years = months / 12;

cout << minutes << endl;

// Initializing 2 ints then converting them into doubles through typecasting

int num1 = 2;

int num2 = 3;

double num1d = (double)num1;

double num2d = (double)num2;

cout << num1 / num2 << endl; //using int so we recieve a whole number (0)

cout << num1d / num2d << endl; //using double so we recieve a decimal answer (0.66...)

return 0;

}

Output and screenshots:



