

CPSC 121
Lab 1
Fall 2018
Eric May

Warmup

```
//Eric May (your name)
//CPSC 121 Lab 1
//8/22/2017
#include <iostream>
using namespace std;//So you don't need to use "std:."

int main()
{
    std::cout << "Hello, world!\n";
    return 0;
}
```

Note the header above

Making Change

Create a program that:

1. Asks the user to input a number of cents
2. Calculates and displays the number of quarters, dimes, nickels, and pennies that should be used to reach the value. EX: 67 cents would be 2 quarters, 1 dime, 1 nickel, and 2 pennies
3. Calculates and display the **total** number of coins to be given back, ie 6 coins for above

Hint: The simplest way to solve this involves using the division (/) operator and modulus (%) operator. It helps to use the int data type!

When you've completed your assignment, you're free to ask me to give things a quick looking over. After you're sure you're done, submit the .cpp file to Titanium. *****IMPORTANT***** Please name your file <last name><first initial>lab1.cpp , mine, for example, would be MayElab1.cpp . For a partnered submission with John Doe, my submission would be MayE_DoeJlab1.cpp **You may lose points or even get NO credit if your submission doesn't follow these guidelines.** After you've done both of things, then you may leave the lab.

Points:

- 2 - Documentation, readability, format
- 1 - Accepts user input
- 1 - Calculating number of coins
- 2 - Output testing

4 - Filename and Header