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/* Program; Change.cpp
Author: Michael Campbell
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Synopsis: Convert loose change to dollar format
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#include <iostream>
#include <cstdlib>
#include <string>

int main () {

    float total = 0;
//Quarters
    std::cout << "\nLet's figure out how much change you have in your
        pocket...\n\n";
    std::cout << "How many quarters do you have?\n";
    int quarters;
    std::cin >> quarters;
    //Check to see if valid amount
    while (quarters < 0 || !quarters) {
        std::cerr << "\nSorry, please try again\n";

        std::cin.clear();
        std::cin.ignore();
        std::cin >> quarters;
    }
    total = total + (quarters * .25);

//Dimes
    std::cout << "How many dimes do you have?\n";
    int dimes;
    std::cin >> dimes;
    //Check to see if valid amount
    while (dimes < 0 || !dimes) {
        std::cerr << "\nSorry, please try again\n";

        std::cin.clear();
        std::cin.ignore();
        std::cin >> dimes;
    }
    total = total + (dimes * .10);

//Nickels
    std::cout << "How many nickels do you have?\n";
    int nickels;
    std::cin >> nickels;
    //Check to see if valid amount
    while (nickels < 0 || !nickels) {
        std::cerr << "\nSorry, please try again\n";

        std::cin.clear();
        std::cin.ignore();
    }
}
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        std::cin >> nickels;
    }
    total = total + (nickels * .05);

//Pennies
    std::cout << "How many pennies do you have?\n";
    int pennies;
    std::cin >> pennies;
    //Check to see if valid amount
    while (pennies < 0 || !pennies) {
        std::cerr << "\nSorry, please try again\n";

        std::cin.clear();
        std::cin.ignore();
        std::cin >> pennies;
    }
    total = total + (pennies * .01);

//Print Total
    std::cout << "\nYou have $" << total << "!\n";

    return EXIT_SUCCESS;
}
```