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// Coins.cxx by Wyatt Dale, CIS 163, sec. 2 on 2/11/2000
// Purpose: Determines the value of a coin collection
/* Design:      gets user's name
                gets # of nickels & pennies
                converts them to cents
                converts the cents to dollars and cents
                outputs the dollars and cents to the user, with their name
*/

#include <iostream> // include (header) files - contain
#include <string>   // definitions needed to use library functions

using namespace std; // needed to do setw & setprecision in I/O

int main ( )
{
    // variables that store data and information in your program
    // (note: string and int are TYPES, telling the kind of variable)
    string    name;           // input: name of the person using program
    int       pennies;       // input: count of pennies
    int       nickels;      // input: count of nickels
    int       dollars;      // output: value of coins in dollars
    int       change;       // output: value of coins in cents
    int       totalCents;   // total cents represented

    // Prompt for name.
    cout << "Enter your first name and press return: ";
    cin >> name;

    // Read in the count of nickels and pennies.
    cout << "Enter the number of nickels and press return: ";
    cin >> nickels;
    cout << "Enter the number of pennies and press return: ";
    cin >> pennies;

    // Compute the total value in cents.
    totalCents = 5 * nickels + pennies;

    // Find the value in dollars and change.
    dollars = totalCents / 100; // does integer division: quotient
    change = totalCents % 100;  // calculates the remainder

    // Display the value in dollars, the cents and the user's name
    cout << "Your collection is worth " << dollars
         << " dollars and " << change << " cents, "
         << name << endl;

    return 0; // returns control back to the operating system sw
}

```

note: use of white space, indenting and alignment for readability
 note: use of variable names and comments for readability