/* this program calculates the amount of change that a
* cashier should give back to a customer and the number
* of dollar bills, number of quarters number of dimes,
* number of nickels, and number of pennies
*/

#include <iostream>
using namespace std;

int main()
{
    double cost, // cost of the item
            money, // amount of money given to the cashier
            change; // change given back to the customer

    int dollars, quarters, dimes, nickels, pennies;
    int intChange;

    cout << "Enter the cost of the item: $";
    cin  >> cost;

    cout << "Enter money given to the cashier: $";
    cin  >> money;

    change = money - cost;

    intChange = static_cast<int>(change * 100 + 0.5);
    dollars = intChange / 100;
    intChange = intChange % 100;
    quarters = intChange / 25;
    intChange = intChange % 25;
    dimes = intChange / 10;
    intChange = intChange % 10;
    nickels = intChange / 5;
    intChange = intChange % 5;
    pennies = intChange;

    cout << "The person needs: $" << change << " back" << endl;
    cout << "Change: 
    dollars << " dollars" << endl
    quarters << " quarters" << endl
    dimes << " dimes" << endl
    nickels << " nickels" << endl
    pennies << " pennies" << endl;

    return 0;
}
/* this program calculates the amount of change that a 
* cashier should give back to a customer and the number 
* of dollar bills, number of quarters number of dimes, 
* number of nickels, and number of pennies 
*/

#include <iostream>
using namespace std;

int main()
{
    double cost,  // cost of the item
           money, // amount of money given to the cashier
           change; // change given back to the customer

    int dollars, quarters, dimes, nickels, pennies;
    int intChange;

    cout << "Enter the cost of the item: ";
    cin >> cost;

    cout << "Enter money given to the cashier: ";
    cin >> money;

    change = money - cost;

    // need to put it into total pennies
    // force a round because of how double converts to int
    intChange = static_cast<int>(change * 100 + 0.5);

    dollars = intChange / 100;
    intChange = intChange % 100;

    quarters = intChange / 25;
    intChange = intChange % 25;

    dimes = intChange / 10;
    intChange = intChange % 10;

    nickels = intChange / 5;
    intChange = intChange % 5;

    pennies = intChange;

    cout << "The person needs: " << change << " back" << endl;

    cout << "Change: 
       " dollars << " dollars" << endl
       << quarters << " quarters" << endl
       << dimes << " dimes" << endl
       << nickels << " nickels" << endl
       << pennies << " pennies" << endl;

    return 0;
}
/* this program calculates the amount of change that a
  * cashier should give back to a customer and the number
  * of dollar bills, number of quarters number of dimes,
  * number of nickels, and number of pennies
  */

#include <iostream>

using namespace std;

int main()
{
  double cost, // cost of the item
  money, // amount of money given to the cashier
  change; // change given back to the customer

  int dollars, quarters, dimes, nickels, pennies;
  int intChange;

  cout << "Enter the cost of the item: $";
  cin >> cost;

  cout << "Enter money given to the cashier: $";
  cin >> money;

  change = money - cost;

  // need to put it into total pennies
  // force a round because of how double converts to int
  intChange = static_cast<int>(change * 100 + 0.5);

  dollars = intChange / 100;
  intChange = intChange % 100;

  quarters = intChange / 25;
  intChange = intChange % 25;

  dimes = intChange / 10;
  intChange = intChange % 10;

  nickels = intChange / 5;
  intChange = intChange % 5;

  pennies = intChange;

  cout << "The person needs: $" << change << " back" << endl;
  cout << "Change: " << endl;
  cout << dollars << " dollars" << endl;
  cout << quarters << " quarters" << endl;
  cout << dimes << " dimes" << endl;
  cout << nickels << " nickels" << endl;
  cout << pennies << " pennies" << endl;

  return 0;
}
/ this program calculates the amount of change that a 
* cashier should give back to a customer and the number 
* of dollar bills, number of quarters number of dimes, 
* number of nickels, and number of pennies 
*/

#include <iostream>
using namespace std;

int main()
{

    double cost,  // cost of the item
            money, // amount of money given to the cashier
            change; // change given back to the customer
    int dollars, quarters, dimes, nickels, pennies;
    intChange;

    cout << "Enter the cost of the item: $";
    cin >> cost;
    cout << "Enter money given to the cashier: $";
    cin >> money;
    change = money - cost;
    // need to put it into total pennies
    // force a round because of how double converts to
    // force a round because of how double converts to
    intChange = static_cast<int>(change * 100 + 0.5);
    dollars = intChange / 100;
    intChange = intChange % 100;
    quarters = intChange / 25;
    intChange = intChange % 25;
    dimes = intChange / 10;
    intChange = intChange % 10;
    nickels = intChange / 5;
    intChange = intChange % 5;
    pennies = intChange;

    cout << "The person needs: $" << change << " back" << endl;
    cout << "Change: " << endl;
    cout << dollars << " dollars" << endl;
    cout << quarters << " quarters" << endl;
    cout << dimes << " dimes" << endl;
    cout << nickels << " nickels" << endl;
    cout << pennies << " pennies" << endl;

    return 0;
}
// this program calculates the amount of change that a
// cashier should give back to a customer and the number
// of dollar bills, number of quarters number of dimes,
// number of nickels, and number of pennies
*/

#include <iostream>
using namespace std;

int main()
{
    cout << "Enter the cost of the item: $";
    return 0;
}
/* this program calculates the amount of change that a
   * cashier should give back to a customer and the number
   * of dollar bills, number of quarters number of dimes,
   * number of nickels, and number of pennies
   */

#include <iostream>
using namespace std;

int main()
{
    double cost, // cost of the item
           money, // amount of money given to the cashier
           change;// change given back to the customer
    int dollars, quarters, dimes, nickels, pennies;
    intChange = static_cast<int>(change * 100 + 0.5);
    dollars = intChange / 100;
    intChange = intChange % 100;
    quarters = intChange / 25;
    intChange = intChange % 25;
    dimes = intChange / 10;
    intChange = intChange % 10;
    nickels = intChange / 5;
    intChange = intChange % 5;
    pennies = intChange;
    cout << "The person needs: $" << change << " back"
         << endl;
    cout << "Change: " << endl;
    cout << dollars  << " dollars"    
         << quarters  << " quarters" 
         << dimes    << " dimes" 
         << nickels  << " nickels" 
         << pennies  << " pennies" 
         << endl;
    return 0;
}
/* this program calculates the amount of change that a
 * cashier should give back to a customer and the number
 * of dollar bills, number of quarters number of dimes,
 * number of nickels, and number of pennies
 */

#include <iostream>
using namespace std;

int main()
{
    double cost;  // cost of the item

    cout << "Enter the cost of the item: $";
    cin >> cost;

    // need to put it into total pennies
    // force a round because of how double converts to
    int Change = static_cast<int>((change * 100 + 0.5));
    int dollars = Change / 100;
    int Change = Change % 100;
    int quarters = Change / 25;
    int Change = Change % 25;
    int dimes = Change / 10;
    int Change = Change % 10;
    int nickels = Change / 5;
    int Change = Change % 5;
    int pennies = Change;

    cout << "The person needs: $" << change << " back" << endl;
    cout << "Change: " << endl;
    cout << dollars << " dollars" << endl;
    cout << quarters << " quarters" << endl;
    cout << dimes << " dimes" << endl;
    cout << nickels << " nickels" << endl;
    cout << pennies << " pennies" << endl;

    return 0;
}

/* this program calculates the amount of change that a
 * cashier should give back to a customer and the number
 * of dollar bills, number of quarters number of dimes,
 * number of nickels, and number of pennies
 */

#include <iostream>
using namespace std;

int main()
{
  double cost;  // cost of the item

  cout << "Enter the cost of the item: $"; 
  cin >> cost;

  cout << "Enter money given to the cashier: $";

  return 0;
}
/* this program calculates the amount of change that a
 * cashier should give back to a customer and the number
 * of dollar bills, number of quarters number of dimes,
 * number of nickels, and number of pennies
 */

#include <iostream>
using namespace std;

int main()
{
    double cost; // cost of the item
    cout << "Enter the cost of the item: $";
    cin >> cost;

    cout << "Enter money given to the cashier: $";
    cin >> money;

    // need to put it into total pennies
    // force a round because of how double converts to
    intChange = static_cast<int>(change * 100 + 0.5);
    dollars = intChange / 100;
    intChange = intChange % 100;
    quarters = intChange / 25;
    intChange = intChange % 25;
    dimes = intChange / 10;
    intChange = intChange % 10;
    nickels = intChange / 5;
    intChange = intChange % 5;
    pennies = intChange;

    cout << "The person needs: $" << change << " back" << endl;
    cout << "Change: " << endl;
    cout << dollars << " dollars" << endl;
    cout << quarters << " quarters" << endl;
    cout << dimes << " dimes" << endl;
    cout << nickels << " nickels" << endl;
    cout << pennies << " pennies" << endl;

    return 0;
}
/* this program calculates the amount of change that a 
cashier should give back to a customer and the number 
of dollar bills, number of quarters number of dimes, 
number of nickels, and number of pennies
*/

#include <iostream>
using namespace std;

int main()
{

double cost,  // cost of the item
money; // amount of money given to the cashier

cout << "Enter the cost of the item: $";
cin >> cost;

cout << "Enter money given to the cashier: $";
cin >> money;

    return 0;
}
/ * this program calculates the amount of change that a * cashier should give back to a customer and the number * of dollar bills, number of quarters number of dimes, * number of nickels, and number of pennies * /

#include <iostream>
using namespace std;

int main()
{
    double cost, // cost of the item
            money; // amount of money given to the cashier

    cout << "Enter the cost of the item: $";
    cin >> cost;

    cout << "Enter money given to the cashier: $";
    cin >> money;

    change = money - cost;

    return 0;
}
/ this program calculates the amount of change that a
* cashier should give back to a customer and the number
* of dollar bills, number of quarters number of dimes,
* number of nickels, and number of pennies
*/

#include <iostream>
using namespace std;

int main()
{
    double cost, // cost of the item
        money, // amount of money given to the cashier
        change; // change given back to the customer

    cout << "Enter the cost of the item: $";
    cin >> cost;

    cout << "Enter money given to the cashier: $";
    cin >> money;

    change = money - cost;

    cout << "The person needs: $" << change << " back"
        << endl
        << "Change: "
        << endl
        << dollars  << " dollars"
        << quarters << " quarters"
        << dimes    << " dimes"
        << nickels  << " nickels"
        << pennies  << " pennies"
        << endl;

    return 0;
}
/* this program calculates the amount of change that a
   cashier should give back to a customer and the number
   of dollar bills, number of quarters number of dimes,
   number of nickels, and number of pennies
*/

#include <iostream>
using namespace std;

int main()
{
    double cost,  // cost of the item
   money, // amount of money given to the cashier
   change; // change given back to the customer

    cout << "Enter the cost of the item: $";
    cin >> cost;

    cout << "Enter money given to the cashier: $";
    cin >> money;

    change = money - cost;

    cout << "The person needs: $" << change << " back"
    << endl;

    return 0;
}
This program calculates the amount of change that a cashier should give back to a customer and the number of dollar bills, number of quarters, number of dimes, number of nickels, and number of pennies.

```cpp
#include <iostream>
using namespace std;

int main()
{
    double cost, // cost of the item
        money, // amount of money given to the cashier
        change; // change given back to the customer

    int dollars, quarters, dimes, nickels, pennies;

    cout << "Enter the cost of the item: $";
    cin >> cost;

    cout << "Enter money given to the cashier: $";
    cin >> money;

    change = money - cost;

    intChange = static_cast<int>(change * 100 + 0.5);
    dollars = intChange / 100;
    intChange = intChange % 100;
    quarters = intChange / 25;
    intChange = intChange % 25;
    dimes = intChange / 10;
    intChange = intChange % 10;
    nickels = intChange / 5;
    intChange = intChange % 5;
    pennies = intChange;

    cout << "The person needs: $" << change << " back"
         << endl;

    return 0;
}
```
/* this program calculates the amount of change that a 
* cashier should give back to a customer and the number 
* of dollar bills, number of quarters number of dimes, 
* number of nickels, and number of pennies 
*/

#include <iostream>
using namespace std;

int main()
{
    double cost, // cost of the item
    money, // amount of money given to the cashier
    change; // change given back to the customer

    int dollars, quarters, dimes, nickels, pennies;

    cout << "Enter the cost of the item: ";
    cin >> cost;

    cout << "Enter money given to the cashier: ";
    cin >> money;

    change = money - cost;

    // need to put it into total pennies
    // force a round because of how double converts to int
    intChange = static_cast<int>(change * 100 + 0.5);

    dollars = intChange / 100;
    intChange = intChange % 100;

    quarters = intChange / 25;
    intChange = intChange % 25;

    dimes = intChange / 10;
    intChange = intChange % 10;

    nickels = intChange / 5;
    intChange = intChange % 5;

    pennies = intChange;

    cout << "The person needs: $" << change << " back" << endl;

    cout << "Change: ";
    cout << dollars << " dollars" << endl;
    cout << quarters << " quarters" << endl;
    cout << dimes << " dimes" << endl;
    cout << nickels << " nickels" << endl;
    cout << pennies << " pennies" << endl;

    return 0;
}
/* this program calculates the amount of change that a
 * cashier should give back to a customer and the number
 * of dollar bills, number of quarters number of dimes,
 * number of nickels, and number of pennies
 */

#include <iostream>
using namespace std;

int main()
{
    double cost, // cost of the item
            money, // amount of money given to the cashier
            change; // change given back to the customer

    int dollars, quarters, dimes, nickels, pennies;
    int intChange;

    cout << "Enter the cost of the item: $";
    cin  >> cost;

    cout << "Enter money given to the cashier: $";
    cin  >> money;

    change = money - cost;

    // need to put it into total pennies
    intChange = static_cast<int>(change * 100);

    dollars = intChange / 100;
    intChange = intChange % 100;
    quarters = intChange / 25;
    intChange = intChange % 25;
    dimes = intChange / 10;
    intChange = intChange % 10;
    nickels = intChange / 5;
    intChange = intChange % 5;
    pennies = intChange;

    cout << "The person needs: $" << change << " back"
         << endl;
    cout << "Change: "
         << endl;
    cout << "dollars" << " dollars" << endl
         << "quarters" << " quarters" << endl
         << "dimes" << " dimes" << endl
         << "nickels" << " nickels" << endl
         << "pennies" << " pennies" << endl;

    return 0;
}
/* this program calculates the amount of change that a
* cashier should give back to a customer and the number
* of dollar bills, number of quarters number of dimes,
* number of nickels, and number of pennies *
*/

#include <iostream>
using namespace std;

int main()
{
    double cost, // cost of the item
        money, // amount of money given to the cashier
        change; // change given back to the customer

    int dollars, quarters, dimes, nickels, pennies;
    int intChange;

    cout << "Enter the cost of the item: $";  
    cin >> cost;

    cout << "Enter money given to the cashier: $";  
    cin >> money;

    change = money - cost;

    // need to put it into total pennies
    intChange = static_cast<int>(change * 100);

    // get the integer part
    dollars = intChange / 100;

    // get the remainder
    intChange = intChange % 100;

    quarters = intChange / 25;
    intChange = intChange % 25;

    dimes = intChange / 10;
    intChange = intChange % 10;

    nickels = intChange / 5;
    intChange = intChange % 5;

    pennies = intChange;

    cout << "The person needs: $" << change << " back"  
         << endl;
    cout << "Change: " << endl;  
    cout << dollars << " dollars" << endl  
        << quarters << " quarters" << endl  
        << dimes << " dimes" << endl  
        << nickels << " nickels" << endl  
        << pennies << " pennies" << endl;

    return 0;
}
/* this program calculates the amount of change that a
 * cashier should give back to a customer and the number
 * of dollar bills, number of quarters number of dimes,
 * number of nickels, and number of pennies
 */

#include <iostream>
using namespace std;

int main()
{
 double cost, // cost of the item
      money, // amount of money given to the cashier
      change; // change given back to the customer

 int dollars, quarters, dimes, nickels, pennies;
 int intChange;

 cout << "Enter the cost of the item: $";
 cin >> cost;

cost = money - cost;

 cout << "Enter money given to the cashier: $";
 cin >> money;

 change = money - cost;

 // need to put it into total pennies
 intChange = static_cast<int>(change * 100);

 dollars = intChange / 100;

 quarters =

cout << "The person needs: $" << change << " back"
 << endl;

cout << "Change: " << endl;

cout << "dollars" << endl;

cout << quarters << " quarters" << endl;

cout << dimes << " dimes" << endl;

cout << nickels << " nickels" << endl;

cout << pennies << " pennies" << endl;

 return 0;
}
/* this program calculates the amount of change that a
 * cashier should give back to a customer and the number
 * of dollar bills, number of quarters number of dimes,
 * number of nickels, and number of pennies
 */

#include <iostream>
using namespace std;

int main()
{
    double cost, // cost of the item
           money, // amount of money given to the cashier
           change; // change given back to the customer

    int dollars, quarters, dimes, nickels, pennies;
    int intChange;

    cout << "Enter the cost of the item: $";
    cin >> cost;

    cout << "Enter money given to the cashier: $";
    cin >> money;

    change = money - cost;

    // need to put it into total pennies
    intChange = static_cast<int>(change * 100);

    dollars = intChange / 100;
    intChange = intChange % 100;

    quarters = intChange / 25;
    intChange = intChange % 25;

    dimes = intChange / 10;
    intChange = intChange % 10;

    nickels = intChange / 5;
    intChange = intChange % 5;

    pennies = intChange;

    cout << "The person needs: "$ << change << " back"
         << endl;

    cout << "Change: " << endl;
    cout << dollars << " dollars" << endl
         << quarters << " quarters" << endl
         << dimes << " dimes" << endl
         << nickels << " nickels" << endl
         << pennies << " pennies" << endl;

    return 0;
}
/* this program calculates the amount of change that a
 * cashier should give back to a customer and the number
 * of dollar bills, number of quarters number of dimes,
 * number of nickels, and number of pennies
 */

#include <iostream>
using namespace std;

int main()
{
    double cost, // cost of the item
            money, // amount of money given to the cashier
            change; // change given back to the customer

    int dollars, quarters, dimes, nickels, pennies;
    int intChange;

    cout << "Enter the cost of the item: $";
    cin >> cost;

    cout << "Enter money given to the cashier: $";
    cin >> money;

    change = money - cost;

    // need to put it into total pennies
    intChange = static_cast<int>(change * 100);

    dollars = intChange / 100;
    intChange = intChange % 100;

    quarters = intChange / 25;
    intChange = intChange % 25;

    dimes = intChange / 10;
    intChange = intChange % 10;

    nickels = intChange / 5;
    intChange = intChange % 5;

    pennies = intChange;

    cout << "The person needs: $" << change << " back"
         << endl;

    cout << "Change: " << endl;
    cout << "dollars " << dollars << " dollars" << endl
         << quarters << " quarters" << endl
         << dimes << " dimes" << endl
         << nickels << " nickels" << endl
         << pennies << " pennies" << endl;

    return 0;
}
/* this program calculates the amount of change that a
 * cashier should give back to a customer and the number
 * of dollar bills, number of quarters number of dimes,
 * number of nickels, and number of pennies
 */

#include <iostream>
using namespace std;

int main()
{
    double cost,  // cost of the item
        money, // amount of money given to the cashier
        change; // change given back to the customer

    int dollars, quarters, dimes, nickels, pennies;
    int intChange;

    cout << "Enter the cost of the item: $";
    cin  >> cost;

    cout << "Enter money given to the cashier: $";
    cin  >> money;

    change = money - cost;

    // need to put it into total pennies
    // force a round because of how double converts to int
    intChange = static_cast<int>(change * 100 + 0.5);

    dollars = intChange / 100;
    intChange = intChange % 100;

    quarters = intChange / 25;
    intChange = intChange % 25;

    dimes = intChange / 10;
    intChange = intChange % 10;

    nickels = intChange / 5;
    intChange = intChange % 5;

    pennies = intChange;

    cout << "The person needs: $" << change << " back"
         << endl;

    cout << "Change: " << endl;
    cout << dollars << " dollars" << endl
         << quarters << " quarters" << endl
         << dimes << " dimes" << endl
         << nickels << " nickels" << endl
         << pennies << " pennies" << endl;

    return 0;
}
/* this program calculates the amount of change that a
 * cashier should give back to a customer and the number
 * of dollar bills, number of quarters number of dimes,
 * number of nickels, and number of pennies
 */

#include <iostream>
using namespace std;

int main()
{
    double cost, // cost of the item
        money, // amount of money given to the cashier
        change;// change given back to the customer

    int dollars, quarters, dimes, nickels, pennies;
    int intChange;

    cout << "Enter the cost of the item: $";
    cin  >> cost;

    cout << "Enter money given to the cashier: $";
    cin  >> money;

    change = money - cost;

    // need to put it into total pennies
    // force a round because of how double converts to int
    intChange = static_cast<int>(change * 100 + 0.5);

    dollars = intChange / 100;
    intChange = intChange % 100;

    quarters = intChange / 25;
    intChange = intChange % 25;

    dimes = intChange / 10;
    intChange = intChange % 10;

    nickels = intChange / 5;
    intChange = intChange % 5;

    pennies = intChange;

    cout << "The person needs: "$ << change << " back" << endl;
    cout << "Change: " << endl;
    cout << dollars << " dollars" << endl
        << quarters << " quarters" << endl
        << dimes  << " dimes" << endl
        << nickels << " nickels" << endl
        << pennies << " pennies" << endl;

    return 0;
}