Programming Exercise 5.3

Making Change, v.2.0

Purpose. Practice writing programs that use console keyboard input.

Modification of Exercise 3.4's `changeDue1.cpp`, replacing programmer-defined inputs with console inputs. Name the new program **changeDue2.cpp**.

Requirements:

1. Write this program by copying, pasting, and marking up Exercise 3.4's `changeDue1.cpp`.

2. Expect the user input "cash payment" to be less than or equal to the amount "tendered".

3. Expect the user input "cash payment" to *not* be zero or negative.

4. The paid out bills should include the *fewest* number of bills. That is, don't include *two* $10 bills when you can include *one* $20 bill instead.

5. Include a *label* with any statement that outputs a variable's value.

Program I/O. Input: 2 console input whole numbers for the "cash payment" and for the amount "tendered" Output: The "change due" and the numbers of each specified denomination to be "paid out".

Example. Here's what the output should look like, with user input in blue:

```
Cash payment amount: 45000
Tendered amount: 100000
Change due: 55000

Change paid out in:
  this many hundred thousand dollar bills: 0
  this many ten thousand dollar bills: 5
  this many five thousand dollar bills: 1
  this many thousand dollar bills: 0
  this many five hundred dollar bills: 0
  this many hundred dollar bills: 0
  this many fifty dollar bills: 0
  this many twenty dollar bills: 0
  this many ten dollar bills: 0
  this many five dollar bills: 0
  this many two dollar bills: 0
  this many one dollar bills: 0
```