

CS110: Computer Programming Lab

Department of CSE

IIT, Guwahati

Module 01 Stage 02 Exercise 06

Please read Module 01 Stage 02 drill document before you work on this problem.

Problem Description

Cash available in a shop till is as shown in the table below:

Denomination	Count of notes
10	1
20	7
50	5
100	7
200	2
500	12
2000	80

Shopkeeper needs to pay an amount to his supplier. This amount is specified by assigning a value to variable `liability`. The program should then list the number of notes of each denomination that the shopper must pay to his supplier.

The program must also print the final liability of the shopkeeper. In most situations, it will be 0. But it can be a non-zero amount if there was not enough money in the till.

Guiding instructions

There are set of computations needed at each denomination level. These will be done first for the highest denomination notes and will progress towards the smaller denomination notes.

As the notes are paid to the creditor, remaining `liability` of the shopkeeper is reduced.