

In this program, the integers were used since it doesn't need the decimal value which help to determine the number of sheets later. The role of `mon(a,b,c,d,e,f,g)` variables were to determine the number of sheets that needed to be equal as the total change by dividing the total change with the money value. However the `mon(b,c,d,e,f,g)` need the value from total change/previous value subtract with the value of the money (100k, 50k, 20k, etc.). Thus, the function of variables (b,c,d,e,f,g) provide subtraction of total change/previous number with total sheets multiplied with the money value. In (if, else if, and else) function, if the value satisfies the term for example the total change (chg) modulo with 100000 equals to 0, the program will print only 100k money value since the total change can be comprised exactly with Rp 100k sheet(s). If the value of the total change doesn't satisfy the condition, it will jump up to another if which is (else if) underneath. For example, the total change already subtracts with previous value (which is Rp 100k) produce variable b. If b variable modulo with 50000 and the value equal to 0, the process will stop at that point and printing the output as written at the code. This process works systematically for various input of price and pay.

In the task problem, It is stated that Rp 2000 is for the price and to pay it need Rp 20000, the program will provide the total change is Rp 18000 and the money value that would be needed to comprise the total change are 1 sheet of Rp 10000, 1 sheet of Rp 5000, 1 sheet of Rp 2000, and 1 sheet of Rp 1000