Minimum notes

Assignment 0
Computer Programming
Due date: 4 September, 2018

Problem Statement: Sasi gave M money to his friend at a simple interest of 10% per Anum After Y years his friend wants to return the money in hard cash such that he gives the least number of notes possible.the possible denominations are 10,50,100,2000. Sasi being lazy, would take the money rounded to integer less or equal to the final amount.

Assumption: He has sufficiently large number of notes for each denomination

Note: It is guaranteed that the amount can be returned by using certain combination of notes.

Input
Input has single line with 2 space separated integers M , Y respectively
Output
print four space separated integers corresponding to number of notes of 10 50 100 2000 in that order.
Constraints
M,Y lie between 1 and 100000
Sample Test Case

Input	Output
15590 0	4 1 15 7
7900 90	0 0 10 39