#Asks for bill and amount payed

bill=input("How much was your bill? ")

amountgiven=input("How much did you pay? ")

#Format values

bill=int(bill\*100)

amountgiven= int(amountgiven\*100)

changedue=amountgiven-bill

#defines values of money variables

dollar=100

quarter=25

dime=10

nickel=5

penny=1

#calculates dollars

dollar=changedue/100

dollar=int(dollar)

changedue=changedue%100

#Calculates amount of quarters

quarter=changedue/quarter

quarter=int(quarter)

changedue=changedue%25

#Calculates amount of dimes

dime=changedue/dime

dime=int(dime)

changedue=changedue%10

#Calculates amount of nickels

nickel=changedue/nickel

nickel=int(nickel)

changedue=changedue%5

#Calculates amount of pennies

penny=changedue/penny

penny=int(penny)

changedue=changedue%1

#Prints results

dollar=str(dollar)

quarter=str(quarter)

dime=str(dime)

nickel=str(nickel)

penny=str(penny)

print(dollar + " dollars")

print(quarter + " quarters")

print(dime + " dimes")

print(nickel + " nickels")

print(penny + " pennies")