# Get amount in dollars and cents.
a=float(input('Please enter amount: $'))

# Multiply by 100 to convert to cents.
a=int(100*a)
# print(a , 'cents')

# Integer dividing (//) the total amount of pennies by 50,
# yields the number of half-dollars.
hd=a//50
print(hd, 'half-dollars')

# "Mod-ing" the original amount by 50 yields the number of cents
# left after dividing by 50. It must be less than 50 cents, otherwise we would have had
# an additional half-dollar.
a=a%50 # the remainder after dividing by 50

# Now lets get the number of quarters.
q=a//25
print(q, 'quarters')

# Mod-ing by 25 yields the amount of money left less than 25 cents.
a=a%25

# Now lets get the number of dimes.
d=a//10
print(d, 'dimes')

# Mod-ing by 10 yields the amount of money left less than 10 cents.
a=a%10

# Now lets get the number of nickels.
n=a//5
print(n, 'nickels')

# Mod-ing by 5 yields the amount of pennies left.
p=a%5
print(p, 'pennies', '
')

print('Total number of coins: ',hd+q+d+n+p, '
')

check=(hd*50+q*25+d*10+n*5+p)/100
print('The original amount was '+'$'+str(check)+'
')