**Exercise 2-14 Compound Interest**

# This program calculates the ending principal in a bank

# account after compounding the interest.

print('Enter the starting principal: ', end='')

p = float(input())

print('Enter the annual interest rate: ', end='')

r = float(input())

print('How many times per year is the interest compounded? ', end='')

n = int(input())

print('For how many years will the account earn interest? ', end='')

t = int(input())

# Adjust the interest rate.

r = r / 100

# Calculate the ending balance.

a = p \* (1 + float(r) / n) \*\* (n \* t)

# Display the ending balance.

print('At the end of', t, 'years you will have $', format(a, ',.2f'))

