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# Developer---Abel Gonzalez

# Course------CS1213-01

# Project-----Project #2

# Due---------September 19,2018

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# This program computes and prints values for an annual

# account given input by the user for an initial

# investment, growth rate, and amount of years.

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# Input amounts for the calculation

initial\_investment=float(input("Initial investment -- "))

growth\_rate=float(input("Annual growth rate -- "))

years=int(input("Number of years ----- "))

print()

for year in range(1,years+1):

balance=initial\_investment\*(1+(growth\_rate/100))\*\*year

print("Year ",year,": $%0.2f"%balance,sep="")

# I couldn't remember the formula for compound interest so I found

# this one online on an accounting website.