num1 = float(input("Please enter a number: "))

num2 = float(input("Please enter a second number: "))

def add(num1, num2):

return num1 + num2

def sub(num1, num2):

return num1 - num2

def mult(num1, num2):

return num1 \* num2

def div(num1, num2):

return num1 / num2

def presentValue(fv, r, n):

p = (fv / ((1+(r/100)) \*\* n))

print("You would need to deposit", round(p,2), "in order to have", round(fv,2), "in 10 years at an interest rate of", round(r,3))

def main():

a = add(num1, num2)

s = sub(num1, num2)

m = mult(num1, num2)

d = div(num1, num2)

print("Addition:", round(a,2))

print("Subtraction:", round(s,2))

print("Multiplication:", round(m,2))

print("Division:", round(d,2))

print("--------------------------------------------------------------------------------------------------------------------")

fv = float(input("How much would you like to have in your account in 10 years? "))

r = float(input("What interest rate would you like? "))

n = 10

presentValue(fv, r, n)

main()