Exercise-3:

What is the output if *num1=4, num2=3, num3=2*

    a) num1 += num2 + num3
      print (num1)
    b) num1 = num1 ** (num2 + num3)
      print (num1)
    c) num1 **= num2 +
      num3 print(num1)
    d) num1 = '5' +
    '5'
    print(num1)

1) Write a program that take as input: Name, Age, Height, Weight
-Then, display all these information.

2) Modify the example 27 to convert miles to kilometers using the following formula.   **kilometers = miles / conv_fac**

3) Create variables first name and last name2, then combine it to full name3
Print the name4
Calculate the length of characters for full name, taking input from user
4) Write a program that taking input for: Name, Age, Height, Weight
Then display all the information
5) Write a Python program which accepts the radius of a circle from the user and compute the area.
6) Which data type will be used to represent the following data values and why?
    a) Number of months in a year
    b) President of USA or not

c) Mobile number

d) Pocket money

e) Volume of a sphere

f) Perimeter of a square

g) Name of the student

h) Address of the student

7) Write a program to calculate in how many days a work will be completed by three persons A, B and C together. A, B, C take x days, y days and z days respectively to do the job alone. The formula to calculate the number of days if they work together is xyz/(xy + yz + xz) days where x, y, and z are given as input to the program.

8) Write a program to repeat the string "GOOD MORNING" n times. Here 'n' is an integer entered by the user.

9) The formula **E = mc²** states that the equivalent energy (E) can be calculated as the mass (m) multiplied by the speed of light (c = about 3×108 m/s) squared. Write a program that accepts the mass of an object and determines its energy.