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WFK E-VOLUNTEER PROGRAM

ONLINE CLASS
PANAMA X KOREA
DAY 02
ASSIGNMENT BOOK

ONLINE CLASS DAY 02 WITH PYTHON

Hello Everyone!

This chapter is for your own self-development in python programming.

Since we've learned all the basic concepts in python programming in offline-recorded video classes, we'll go through a bit advanced tutorial.

In this short tutorial, we would not be able to do many things, so we'll go though only the necessary stuffs.

For this online day 2 class, what you should prepare are three things

First, courage to enter the new programming world

Second, questions which you got in the offline classes day 02 and 03

Third, the assignment in this book to be done and submitted to notion LMS

After you've completed the three things mentioned above, you're ready to take the class

Sincerely, Daneul Kim from GIST, South Korea

What we will do as assignment is to make a calculator.

First, open your jupyter notebook and then continue.

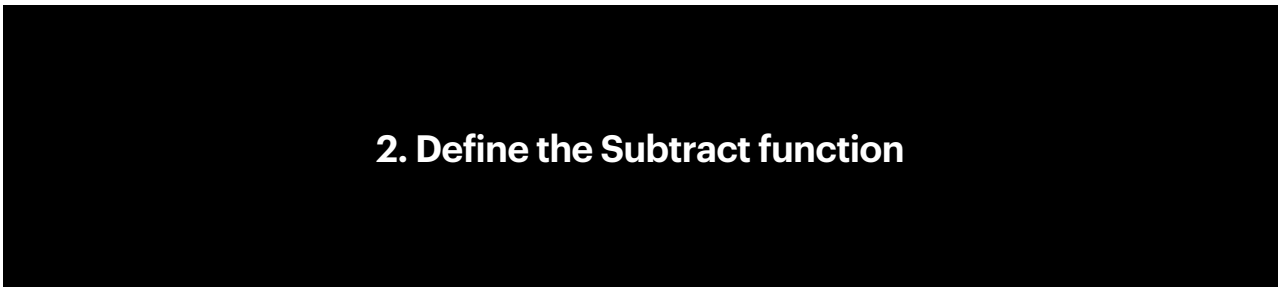
PART I. Making the add/subtract/multiply/divide/remainder functions

Hint: def add(A, B):

C

return D

What you should do is put the necessary stuffs in A, B, C, D



Hint: def subtract(A, B):

C

return D

3. Define the multiply function

What you should do is put the necessary stuffs in A, B, C, D

Hint: def multiply(A, B):

C

4. Define the divide function

return D

What you should do is put the necessary stuffs in A, B, C, D

Hint: def divide(A, B):

C

return D

What you should do is put the necessary stuffs in A, B, C, D

5. Define the remainder function

Hint: def remainder(A, B):

C

return D

What you should do is put the necessary stuffs in A, B, C, D

PART II. Processing the calculation at one queue

HINT

def mult_cal(num1, num2)

return A, B, C, D, E

If I want to return all the result of the calculation, what should we write in A, B, C, D, E?

PART III. Processing the calculation with operator

def calculation(num1, num2, operator)

Write the function with

INPUTS: 3 inputs with two numbers and one operator like

num1, num2, operator(+, -, *, /, %)

OUTPUTS: Result of this operation

Process with hint

use if, elif, else and declare variable to save temporarily

PART IV. INPUT processing

def inputVAL()

Write the function with

INPUT: a : operand , b : operator, c : operand

OUTPUT : a, b, c

HINT : use input function and three variables

PART V. Calculator program to be executed with function start

```
def start():
    n1, n2, n3 = inputVAL()
    result = calculation(n1, n3, n2)
    result2 = mult_cal(n1, n3)
    print("requested result : %d\n", result)
```

print(“all of the results : add : %d, subtract : %d, multiply : %d, divide : %d, remainder : %d\n”, result2)