Functions With Inputs, Arguments & parameters. my-function (): # Do this. # Then do this. # At last do this But, now let assume that the function that you want to execute need some kind of information or data to Execute your needs like. det greet (Abhishele); def greet (): Print ("Hello"+ Abhished). Print ("Hello") print (" How are you?") print ("How are you"+ Abhishek + "?") greet() greet (Abhishek) The function everytime Execute with same sort of statements and it don't need any kind of Argumments. wherease, Argument. CaseII In this function, we are passing pass favameters into the greet function and it gonna recieve it as Argument, Now, the Argument could be want to Execute the function.

Positional vs Keyword Arguments. Bet In function, we can also pass two parameters leti see How we can do that, deg sum (a, b): > where, we are actually asking for two return a+b argument named ag b. calling: -Sum (5, 6) -> The value, 5 & 6 are parsed in the sum function are parameters. Now, deg sum (a, b) sum (5, 6) The sequence is maintained in the function Therefore, 5 would go to A. (Positional & 6 would go to b. Argument) Default. Syntax det sum (Arg1, , Arg2)

Sum (5, 6)

Note.

You st must keep in mind about the positing.

There is another way to solve this positional issue via Keyword Arguments.

Keyword Arguments.

In Keyword Arguments, we pars the parameters in the function call via using Argument name.

Using this, we can change the order in function, as the Arguments works as the function, as the value passing.

Reyword for the value passing.

eg-

def my-function (A, b, C)

. . .

....

my-function (A = 1, b = 2, C = 3)

my-function (C=3, A=1, b=2)

Doth the function call are okay and the Execution is same as we are assigning the values in the function call only, overriding the default series.

Coding Exercise (8.1).

> PAINT AREA CALCULATION.

of Paint can cover 5 square meters Given a trandom height and width of wall calculate how many came of point you'll need to by buy.

=> . (hight x width) = 5 square meter = no. of cars.

height = int(input(" Height of wall: "))
width = int(input(" Width of wall: "))
Coverage = 5

det paint-can-cal (hight, width, cover):

return (height x width) : cover

az paint - can - cal (height = hight, width = width,

cover = coverage)

Print (" The no. of can's required is: "+ Ba)

Now there may be cases where no of can came 1.6, 2.7 or 0.3. But we know that we can only by whole number of cans. for that :import math and, math. ceil (widm x height) + coverage) Exercise 8.2 > Prime number Checker 4 det prime-checker (number): for it in range (2, number): if number % i == 0', is-prime = False if is-prime: print ("It is a Prime number") print (" It is nota Prime number").

DAY-08. Project.

Caesar Cipher.

def encode (text, shift): Cipher-Text = " " or letter in text:

index = alphabet.index (letter)

index = index + shift.

hew-letter = index alphabet[index]

Cipher-text + = new-letter

Print (+" The encoded text is {cipher_Text}")

des decode (text, shift):

& Raw- Text = " "

for letter in text:

index = alphabet. index (celtu)

index = index = shift

new-letter - alphabet [index]

cipher-Text

Raw-Text & + = new- Letter

Print(i" The Raw mersage is { Raw-Text }')

alphabet = []