Airon: 10 produce à sequence of numbers when provided with start, end & step values. Algorithm = · Define the function number-Sequence (Startend, Step=1) 2: Intialize Current value: · Set current to value of start 3. Generate Sequence ahile current is less than or equal to end. · field the current value of current. "Increment corrent by step. u. Get User Input: · Read the string number (start) user input. · Read the ending number (end) user input. · Read the valide (step) from input. 5. Create generator object: ocreate generator obt by colling number-Sequence (Star, end, stop) B. print Generated Sequence: . Iterate over the values produced by generator o print each value. program: det number-sequence (start, end, step=1): while Corrent I = end · yield corrent Start=101+ (imput ("Enter the Starting number:")) end = intlimput ("Enter the ending number:") Step = int (input. ("Enter the step value:")) # create the grenerator Sequence-generator=number-sequence (sterrtyendistop) Aprimt the generated sequence of number for number in sequence -generator printf(number)

output; some

for your c " Eleastic" dependences " Enginering

17" 9H": Bison Association of 3 mon & 5

Enter the Starting number:1. Enter the ending number:50 Enter the Step value:5

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The Exemple Used C

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My 155 Feel file aligned and property said some which and the entepay reas verified.

8.1 (6) Produce a default sequence of number state from 0, ending at 10, with a step 1 if no produce Aim 2 10 produce a default sequence of number Start from o ending 10. Algorithm + 10 Start Function: · Define the function my generation (n) then takes a parameter 2. Initialize Counter: · set value to o 3. Generate values. o cohôle value is less than n: · Yeild the current value " increment value by 1. u. create. Generator Object: · Call my generator (11) to create a generator 5. Iterate & print values: · For each value produced by generator object · print values. mogram? det my-generator (n); # initialize Counter +1 loop with centil counter is less than n while value In: # produce the current value of Counter y'eld value # increment the Counter If iterater over the generator object produced by my generator for value in my-generator (3): # print each value produced by generator; print (value).

(401-8 200) residue trestament de sommerce de manter Paraller gate & born street aging balling DEFINE feet function minutes - sept sortes co a Tribalize Centred value: (Cetartpendister) seek consent to value of stant 3 Controck Sequence output: . This less the court move of consider. dops they russing graves pill 300. u. Get user Tapent of mind prima start) user injud. · Pead the endist municipes (end) when pure. · Read the rabbe (step) from input. E Creace generalor obsucce: code generalor obs by laceman sumber. Sequence (stay end, step) 6. Suple Cenerafed reduced. . Thereals over the values preduced by generalor. 823/2da " primt cock value. get innupor- solnerce (exect cough, sphe-17. JOHN CONTROLS Elastimite buffered 5 out to 15 10 Jonda Junio 3 test of cols Contracted by some out to the country of the some of the sound of the stop of mout ("Enten the stop value") of create the granerator Secretate de deverage sedneme et memper when the sounds as administ

Image you are working on amessaging application that needs to format message differently board that reeds to work a messaging application that needs to format message. Algorithm:

1. create Decorders?

of a function to uppercase.

· Define lower-case decarator to convert result

2. Define functions!

Define shout function to return the input. Apply a uppercase - decarator to this function.

Define whis per function to return the Input

3. Define Greet Function:

· Define great function that

· Accepts a function as input

· Calls this function with the test "HI I on

Created by a function.

program;

def uppercase-dearator (func);

def wrapper(text);

return func(text) upper()

return wrapper

def lower Case-decarator (func);

def wrapper(text);

return func (text):lower()

return wrapper

a uppercase - decarator

def Shout (fext)

return fext

a lower case - decarator

def wispher (fext);

return text

def greet (fune):

greening = func ("Hi, Iam created by a function

passed or asgument")

Oceput:

3. DE 670 FUNCTIONS? HI, I AM CREATED BY FUNCTION PASSED AS AM ARGOMENT. hi, iam created by a function passed as an argument. · Peccepti a finachen as impact

created to bed a function.

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greeting - function of the form or the by a function

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greet (shout)
greet (coispher)

VEL TECH - CSE
EX NO.

PERFORMANCE (5)

RESULT AND ANALYSIS (3)

VIVA VOCE (3)

RECORD (4)

TOTAL (15)

SIGN WITH DATE

Result: Thus the python program to implement

Python generator and decarators was

successfully executed & output was

verified.