Python 3.7.5 (tags/v3.7.5:5c02a39a0b, Oct 15 2019, 00:11:34) [MSC v.1916 64 bit (AMD64)] on win32

Type "help", "copyright", "credits" or "license()" for more information.

>>> x = [int(i) for i in range(50)]

>>> row = x.len()

Traceback (most recent call last):

File "<pyshell#1>", line 1, in <module>

row = x.len()

AttributeError: 'list' object has no attribute 'len'

>>> row = len(x)

>>> column = len(x[0])

Traceback (most recent call last):

File "<pyshell#3>", line 1, in <module>

column = len(x[0])

TypeError: object of type 'int' has no len()

>>> x = [[int(i) for i in range(10)] for j in range(5)]

>>> x

[[0, 1, 2, 3, 4, 5, 6, 7, 8, 9], [0, 1, 2, 3, 4, 5, 6, 7, 8, 9], [0, 1, 2, 3, 4, 5, 6, 7, 8, 9], [0, 1, 2, 3, 4, 5, 6, 7, 8, 9], [0, 1, 2, 3, 4, 5, 6, 7, 8, 9]]

>>> row = len(x)

>>> column = len(x[0])

>>> for i in range(row):

s = ""

for j in range(column):

s += str(x[i][j]) + " "

print(s)

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

>>> x = [[int(i + j) for i in range(10)] for j in range(5)]

>>> row = len(x)

>>> column = len(x[0])

>>> for i in range(row):

s = ""

for j in range(column):

s += str(x[i][j]) + " "

print(s)

0 1 2 3 4 5 6 7 8 9

1 2 3 4 5 6 7 8 9 10

2 3 4 5 6 7 8 9 10 11

3 4 5 6 7 8 9 10 11 12

4 5 6 7 8 9 10 11 12 13

>>> c = 0

>>> x = [[int(c) for i in range(10)] c+=1 for j in range(5)]

SyntaxError: invalid syntax

>>> x = [[int(c) for i in range(10)] c+=1 for j in range(5)]

SyntaxError: invalid syntax

>>> x = [[int(c) for i in range(10)] for j in range(5)]

>>> x

[[0, 0, 0, 0, 0, 0, 0, 0, 0, 0], [0, 0, 0, 0, 0, 0, 0, 0, 0, 0], [0, 0, 0, 0, 0, 0, 0, 0, 0, 0], [0, 0, 0, 0, 0, 0, 0, 0, 0, 0], [0, 0, 0, 0, 0, 0, 0, 0, 0, 0]]

>>> for i in range(row):

s = ""

for j in range(column):

s += str(x[i][j]) + " "

print(s)

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0