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SUBJECT CEDE - DSE-B-2

- 1) What is scope in Python?
- 2) what are lists and typles? What is the key difference detween the two?
- 3) What is pass in Python?
- 4) what is __init --?
- 5) what is break and continue in Python?

What is agree in Tylkon? A variable is only available from Tarida the Region It is created. This is called scope.

Local super A variable created maide a function belongs to the local scope of that bunchion, and can only be used invide that function.

> det mytime (): | output: print (x) my func()

blobal scoper A variable created in the main body A the python code is a global variable and belongs to the global scope.

> Globel veriable are available from within any scope, global and local.

X 2 200 def mytune(): print (x) (# 1000) 300 my funce) print (x)

is justicen equivalent of the cer 2) List: Lists are used to stone multiple items in a songle vortable. But python lists is an ordered and mutable python container being one of the mosa common deta sanuctures of python.

Sourceste:

Sourceste:

Ust _ 1 = ["Hey", 1, 10, [1, 2, 3]] output 1

print (list-1)

Typle: A Tuble is a collection of pythm objects
separated by commas

tup = ('python', 'cee') | output:

print (tup)

['python', 'cee')

The key difference between the tuples and lists is that while the tuples are immutable Poxets, the lists are mutable.

In python, pass is a null statement. The interpreter does not ignore a pass statement, but nothing happens and the statement sesults into no operation. The pass statement is useful when you don't write the implementation of a function but you want to implement it is the future.

det mytune () :) roug

pass

The __init__ is python equivalent of the cet constructor in an object oriented approach. The __init__ method is called everytime an object is created from a class. The __init__ method lets the class initialize the objects attributes and servers serves no other purpose. It is only used within classes.

() said Eve

output:

John

36

Class Person,

Self. name = name

self. age = age

P1 = Person (7 John 4,36)

print (P1. name)

print (P1. age)

The Python break statement stops the loop in which the statement is placed.

Syntaxi

print(i)

The Python continue statements skips a single iteration in a loop.

Syntax:	out	put,
tor in nomse (5):	0	
1 1 = = 3!	2	
Continue	9	
else: print(i)		