

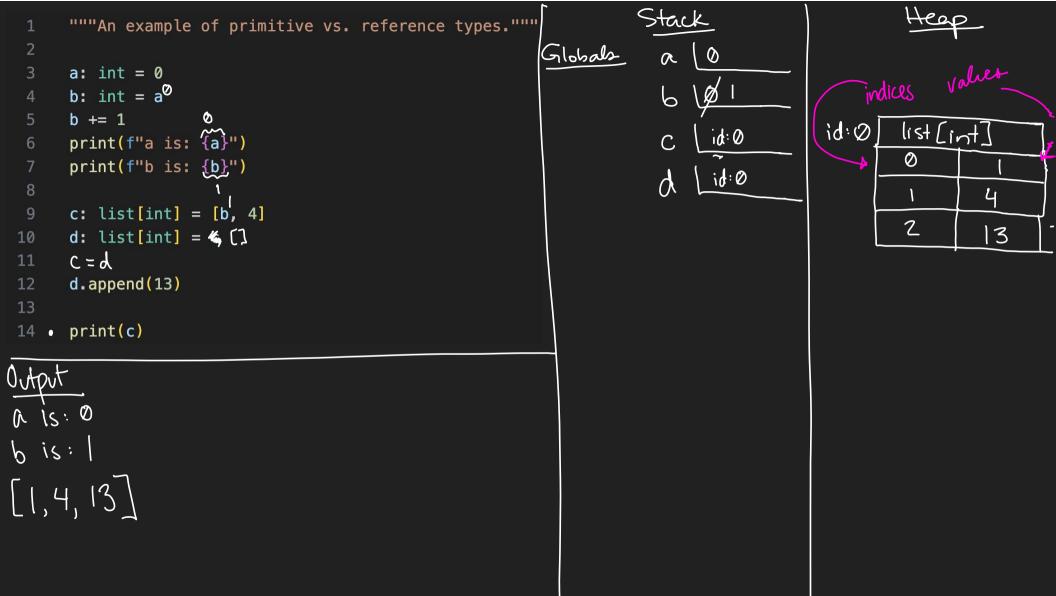
CL10 – Reference Types, Practice with Lists, and Nested while Loops

Announcements

- EX02 Wordle due Sunday, June 1 at 11:59pm
- Please review your graded Quiz 01 as prep for Quiz 02!
- CQ03 Memory Diagram due today at 11:59pm
- Quiz 02 tomorrow! Ways to prep:
 - Review anything you missed on Quiz 01
 - Do practice quiz 02
 - Ask us for help in Office Hours:
 - In-person: 1-3pm today
 - Virtual: 3-6pm today
 - Review Session via the virtual Office Hours Zoom link at 6pm tonight!

Warmup: In VS Code, write the following code:

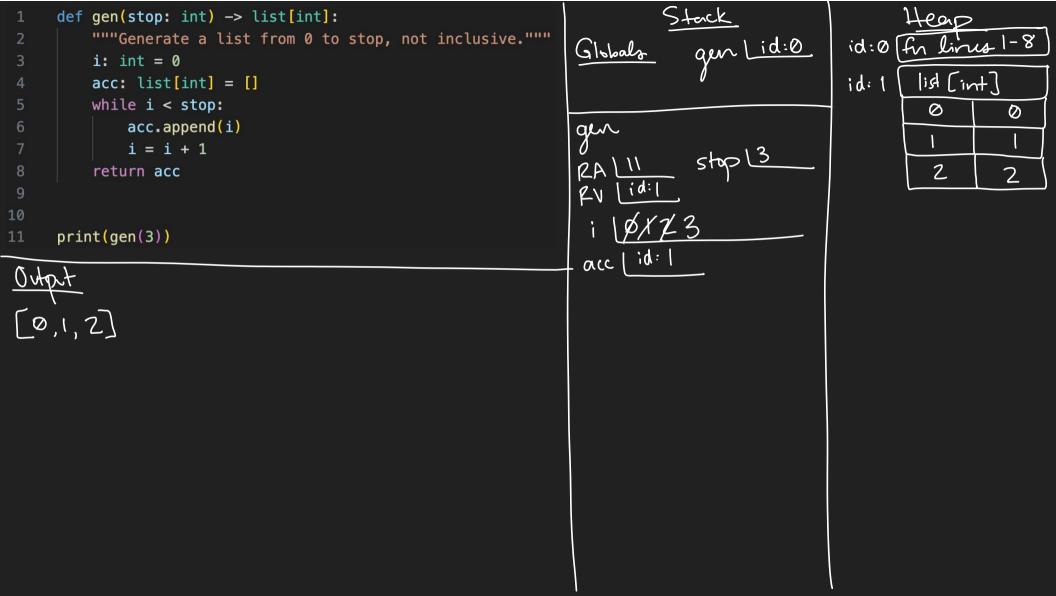
- Create an explicitly typed list called names, with the initial values: "Rosie", "Abu", and "Sally"
- 2. Add "Jade" to the end of the list using a method call
- 3. Remove "Sally" from the list using a method call
- 4. Print out the number of items in the list
- 5. Use subscription notation and the list to print the name "Abu"
- 6. If the name "Sally" is in the list, print "found Sally!", otherwise, print "Not found"



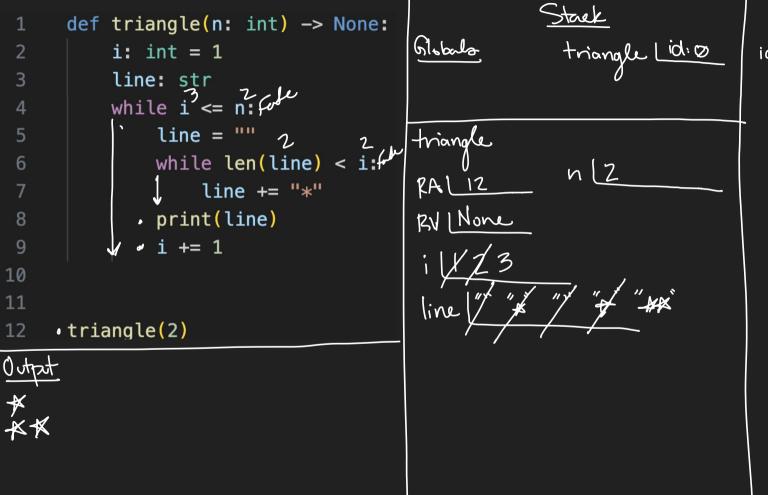
Your turn: write a function called gen that takes as input an int called n, and returns a list of integers from 0 up to, but not including n

def gen (stop:int) -> list [int]:

10011 Generate a list from \$2 to stop, exclusive." i: int = 0acc: list [int] = [] while i <stop: occ.append(i) i = i + 1 return acc



Diagramming a Nested while Loop



id:0 fn lines 1-9

Diagramming a Nested List (Submit this diagram for CQ03!)

