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/II.	Stack & Queue in Python
	, , , , , , , , , , , , , , , , , , ,
	import array
	are = array array ('i') # syntax of emply assay
5	ar : array ('i', [1,2,3]) # this entire is printed.
	ars. append (10) # adding 10 to the array
	print (arr)
	arr. pap () # pop's The last element in the array
10	prolet (arr)
	arr. pop(0) # to pop the element at exact location
	mut (am [0:2] # away sliving
	A of you find the
15	for i in sange (0,2): length of the stack
	am. pop () gou uliu prul The
	· print (am)
	THE PARTY OF THE P
	STACK (LIFO) last in first out.
20	* operation to inject an element is PVSH!
	* operation to semone an element is POP'
	class Stack: object # constructore defatop (seft):
-	class stack: # constructure defautop (self):
	dol mait (SUL)
25	Self. my-stack = amay. amay (1i', [3) petatr (un (self. ny-stack)-1)
	def push (self, element):
	self. my- stack append (element)
	det pop (set): it self. is-empty ():
30	the state of the s
	self. my - stack. pop () -> print ("Stack it empory tourpy)
	def is-empty(self): Self.my-stack.pop()
	if lon (self. my-stack):
35	selvon False
	else:
	sefrem True

This is but point main function If -name == "-main - ": Stack = Stack () # This is how well coeste olars name # object in python Stack. push (1) Stack. purh (2) Stack. purh (3) stack. pop() price (street ny - street) Queue FIFO (First in First Out) impout avery days Queue: def -ivit - (self): self. ny- quave = array array (i', F2) det enqueux (self, element): seif. nigqueux. append (element) * def dequeue (self): # what if self. my-queue opop (0) def dequeue (seef): if self is empty ():

print (4 quence is enipty ?) self.omy-queue.pop (0)

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-nome- 22 "-main-"; queul = Queuel) print (queue. my-queue) queul enqueue (1) queml. enquemo (2) queme. enqueme (3) print (queue, my-queue) queue dequeue () print (quem my-queme) and it something

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