_0	
-	
-3	Tarini Arama Harry L. G. 4/2/05
-3	Taarini Ananya Homework 4 4/8/85
-3	1) The data states that lad a to the list of a bise is any
3	D) The clara structure that bot outs the listed operations is a nun-heap
- 3	duas the operations need to look at the scheele and make the appropriate
	dusions. Min heaps a priority queve rus an eddicint program to add other
-)	events and defenine when to except the next event scampessly
_)	a) the number algorithm can perform an insutoperation with is Ollog a) time
_	complexity because it keeps the smallest nodes mar the root, ensuing a smoother
-3	and tasher insu hon with min heap when congrand to other data stricknes
-3	b) as de extracting the smallest time-stamp, min heap once again provides
-)	the 21st Sole han. A min map hatens the comellest node at the cat, and all -
-	Children are larger than their parent Bruse the not has the smallest value
7	it's casic with a ninheap der this operation to sind the smallest fine stange -
	Using heaps is the best solution for the nun-heap
7	import heaps
	Min-queve= []
	a-> heapq. heapp-sh (min-que, (3, "words"))
5 6	-> Smallst = heapq. mappg (min-que)
3	
3	2) Bill's statement is wrong browse the prooder traversal organic is not - left pight. The times when root < left fright is with a min heap but this does
9	right. The times when root = left fright is with a min hear but this does
2	not always grance that left & right. The rost could also be equal to citheryalus
3	A legit min-heap that proves Bill wrong 15:
7	5 Mere, 5 < 7 > 6, not 5 < 76. Ledt is larger than
	7 6 world and convert be a sold a sold to the first
	7 6 right and cannot be a saled preorder traversal. The win heap
	9 8 on the other hand is valid and legit
	5-07 06-09-08 is not in nonchunasing order
3	11:11. 12 4/1 4
	Hillory's claim is wrong because the post order traversal sequence is ledt -> -
	in decreasing order sit this is not grananted as both min & max heaps
9	in allowering order at this is not gra-anted as both min & max heaps
	han paint = chilchen and purent = chilchen respectively.
T.	

	The following true is lest and a valid max hour
	The following true is legt and a valid max heap 6 Herry, 6>4,6>8,4>2, and 4>3. This clients the
	4 5 postarche travel to be 1, 5, 4, 5, 6 where values are
	2 3 increasing, not decreasing
	The state of the s
	A STATE OF THE STA
	The state of the s
3 3 900	The second secon
	the hard and the hard and the
	And the state of the same of t
3,000	
	and the state of t
	as no way him well way . I have
	Constant from the Constant of the Constant
A A CONTRACTOR	a state of the state of the state of the state of
	Company of the compan
	and the strain remains to
	M De age which is a higher than the second the
	William William Balant
K A.	Common or the Manager of the Common of the C
7	