	21 3 43 4 4 5 5 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Key	Probs								
	4 5 6 2 3 1 7 1 9 3 3 0 1 1 7 1 1 9 3 3 0 1 1 7 1 1 9 3 3 0 1 1 9 1 3 1 1 1 9 1 3 1 1 1 9 1 1 1 9 1 1 1 1	4	2								
	1 2 3 1 7 1 3 3 3 3 1 1 7 1 9 3 3 1 1 1 9 1 1 1 1 1 1 1 1 1 1 1 1	1	3								
	TION 2  Total and function H(key) = key % 11 to store the sequence of keys: 27, 25, 38, 16, 32, 54, 21, 49, 30, 29, 43 in the hash table. Use the following collision resolution strategies: all chaining (List position starts at 0). Fill in the following table (note: make sure you fill all the table, scroll the window all the way to the right):		4								
	1 3 3 1 1 3 1 1 1 3 1 1 1 1 1 1 1 1 1 1		1								
	1 3 1 3 1 1 3 1 1 1 3 1 1 1 1 1 1 1 1 1		2								
	1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1								
	1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1								
3	TION 2  Tash function H(key) = key % 11 to store the sequence of keys: 27, 25, 38, 16, 32, 54, 21, 49, 30, 29, 43 in the hash table. Use the following collision resolution strategies: all chaining (List position starts at 0). Fill in the following table (note: make sure you fill all the table, scroll the window all the way to the right):		3								
	TION 2  Tash function H(key) = key % 11 to store the sequence of keys: 27, 25, 38, 16, 32, 54, 21, 49, 30, 29, 43 in the hash table. Use the following collision resolution strategies:  all chaining (List position starts at 0). Fill in the following table (note: make sure you fill all the table, scroll the window all the way to the right):		1								
	TION 2  Tash function H(key) = key % 11 to store the sequence of keys: 27, 25, 38, 16, 32, 54, 21, 49, 30, 29, 43 in the hash table. Use the following collision resolution strategies:  al chaining (List position starts at 0). Fill in the following table (note: make sure you fill all the table, scroll the window all the way to the right):	)	3								
	hash function H(key) = key % 11 to store the sequence of keys: 27, 25, 38, 16, 32, 54, 21, 49, 30, 29, 43 in the hash table. Use the following collision resolution strategies: nal chaining (List position starts at 0). Fill in the following table (note: make sure you fill all the table, scroll the window all the way to the right):	2	1								
	nash function H(key) = key % 11 to store the sequence of keys: 27, 25, 38, 16, 32, 54, 21, 49, 30, 29, 43 in the hash table. Use the following collision resolution strategies: al chaining (List position starts at 0). Fill in the following table (note: make sure you fill all the table, scroll the window all the way to the right):	IION 2									6 points
TION 2 6 points	nal chaining (List position starts at 0). Fill in the following table (note: make sure you fill all the table, scroll the window all the way to the right):		(kev) = kev % 11 to store the sequence of kevs: 27	. 38. 16. 32. 54. 21. 49. 30. 29. 4	43 in the hash table. Use the f	following collision resolution	strategies:				
	27	ash function H				ay to the right):					
nash function H(key) = key % 11 to store the sequence of keys: 27, 25, 38, 16, 32, 54, 21, 49, 30, 29, 43 in the hash table. Use the following collision resolution strategies: al chaining (List position starts at 0). Fill in the following table (note: make sure you fill all the table, scroll the window all the way to the right):		al chaining (Lis						40	0.0	20	40
lash function H(key) = key % 11 to store the sequence of keys: 27, 25, 38, 16, 32, 54, 21, 49, 30, 29, 43 in the hash table. Use the following collision resolution strategies: al chaining (List position starts at 0). Fill in the following table (note: make sure you fill all the table, scroll the window all the way to the right):		al chaining (Lis	25 38	16							

QUESTION 3										6 points ✓ Saved
				3 in the hash table. Use the fol						
3. Coalesced chaining wi Key 27	th cellar size 4 and address 25	region size 7. Fill in the follov 38	wing table (put -1 if there is 16	no next element) (note: make 32	e sure you fill all the table, s 54	croll the window all the way 21	y to the right): 49	30	29	43
Table Position 6	4	3	2	10	5	0	9	8	29	7
Index of										
next -1 element	10	-1	8	-1	-1	9	-1	-1	7	-1
QUESTION 4										2 points
Consider the following h	eap represented as an array	y: 6, 12, 18, 30, 16, 22, Choos	se the correct answer for e	very operation (all operations	are done on the above hea	ap).				
Heap after inserting 8:										
○ None										
<ul><li>6, 12, 8, 30, 16, 22, 1</li></ul>	8									
O 6, 8, 18, 30, 16, 22, 1	2									
O 6, 12, 18, 30, 16, 22,	8									
O 6, 12, 18, 30, 16, 8, 2	2									
QUESTION 5										2 points   ✓ Saved
Consider the following h Heap after inserting 24:		y: 6, 12, 18, 30, 16, 22. Choos	se the correct answer for ev	very operation (all operations	are done on the above hea	ap).				
O 6, 12, 16, 18, 30, 22,	24									
O 6, 12, 18, 30, 16, 24,	22									
O 6, 12, 24, 30, 16, 22,	18									
○ None										
<ul><li>6, 12, 18, 30, 16, 22,</li></ul>	24									

