

Questi Sequenti	on - 1 ial Search ST	SCORE: 20 points
using <i>Sin</i> Also, mai method <i>s</i>	nt Get and Put methods for Sequential Search Symbol Table gly Linked List. ntain the count of keys in Symbol Table with variable n for size(). Unit tests to pass successfully.	
Questi Desired I	on - 2 binary relations for java equals() method	SCORE: 5 points
	the minimum desired properties(binary relations) that must ed by any java method for checking the equality of objects?	
	Identity	
	Asymmetric	
•	Transitive	
•	Non-null	
	Irreflexive	
•	Symmetric	
	Partial Order	
	Quasi-reflexive	
•	Reflexive	
Questi Linear Pr		SCORE: 5 points
Hash Tab	we are using Hash(k) = 3 * k % 13, and an array of size 13 as a le, what's the result after putting the below number into the e if we use linear probing? (* represent there is no value in the e) Number in order: 22 -> 40 -> 36 -> 55 -> 24 -> 27 -> 28	
	* 22 * 40 36 27 * 24 * 55 28 * *	
	22 * 40 36 27 28 24 * 55 * * * *	
	22 * 27 36 28 * 24 * 55 * * * *	



	* 22 * 40 36 27 28 24 * 55 * * *	
	* 22 * 40 27 36 * 24 * 55 * * *	
	* 22 * 27 36 28 * 24 * * * *	
	* 22 * 40 36 * * 24 * 55 * * *	
Questi		SCORE: 5 points
	ion - 4 ge of separate chaining	SCORE: 5 points
Advanta An advar	ge of separate chaining ntage of separate chaining as an implementation of linear probing (open addressing) scheme is:	SCORE: 5 points f a hash table
Advanta An advar	ge of separate chaining ntage of separate chaining as an implementation of	
Advanta An advar	ge of separate chaining ntage of separate chaining as an implementation of linear probing (open addressing) scheme is:	
Advanta An advar	ntage of separate chaining Intage of separate chaining as an implementation of linear probing (open addressing) scheme is: Space used is less	f a hash table