	1	
	42	
	23	
	34	
	52	
	46	
	33	
ow many		rertion sequences of the key values using the hash function h(k) = k mod 10 and linear probing will re
ow many	different inso ble shown ab	
ow many ie hash ta		
ow many ne hash ta 30		

uestion 2	2/2
iven the following input (4322, 1334, 1471, 9679, 1989, 6171, 6173, 4199) and the hash fullowing statements are true?	nction x mod 10, which of the
9679, 1989, 4199 hash to the same value 1471, 6171 hash to the same value	
. All elements hash to the same value	
. All elements hash to the same value	
i. All elements hash to the same value r. Each element hashes to a different value	
i. All elements hash to the same value v. Each element hashes to a different value iii and ii only	

Questi	uestion 3	
empty h	ash table, the	10 uses open addressing with hash function h(k)=k mod 10, and linear probing. After inserting 6 values into a table is as shown below. owing choices gives a possible order in which the key values could have been inserted in the table?
0		
1		
2	42	
3	23	
4	34	
5	52	
6	46	
7	33	
8		
9		
	'	
@ 4	6, 34, 42, 23, 5	2, 33

O 42, 46, 33, 23, 34, 52	

Question 4	1 / 1 pts
What is a hash function?	
A function that computes the location of the key in the array	
A function that creates an array	
A function that computes the location of the values in the array	
A function has allocated memory to keys	

Question 5	1 / 1 pts
What is the load factor?	
Average chain length	
Average array size	
Average key size	
Average hash table length	

Question 6		
What is the data organization method used in Hash table		
Linked List		
O Array		
○ Stack		
O Queue		