Jest Clemens 5-9-23

Homework Hash Table linear probing and chaining

1. (10 points) Fill in the HashCode Table values for size 7 and 15 arrays using LINEAR PROBING (Open addressing)

	. .		
Nam	ne hashCode()	hashCode()%7	hashCode()%15
Joao	2314323	Ц	3
Jean	2304712	Ч	7
Jani	2301266	ک	11
John	2314539	3	9
Juan	2320088		8
Jon	74665	3	10
Hans	2241694	0	Ÿ

index	Name		
[0]	Hans		
[1]	Juan		
[2]	Jani		
[3]	John		
[4]	5000		,
[5]	Jew	Nt1 =2	597=51
[6]	Don	341=4	4%1=4
		4H=5	•
index	Name	2+1=6	

index	Name
[0]	NUL
[1]	Noli
[2]	nui
[3]	Joan
[4]	HONS
[5]	1100
[6]	nal
[7]	Jean
[8]	30m
[9]	John
[10]	J0V
[11]	JOM
[12]	M
[13]	nul
[14]	Oc XI

2. (10 points) Fill in the HashCode Table values for size 7 array using **CHAINING. Draw every node.**

Name	hashCode()	hashCode()%7
Joao	2314323	Ц
Jean	2304712	Ч
Jani	2301266	٦.
John	2314539	3
Juan	2320088	
Jon	74665	3
Hans	2241694	0

