Project 3 Cuckoo Hashing

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	Table T1	Table T2
[0]	Monge Properties	One of the greatest
[1]		Online algorithms
[2]		
[3]	Algorithm Engineering	College of Engineering
[4]	Server Problem	
[5]		mysteries in science
[6]		emphasis on
[7]	Self-Stabilization	Quantum Nature of Universe
[8]	Optimal Tree Construction	and Computer Science
[9]	California State University	
[10]	Department of Computer	
[11]	Cuckoo hashing is fun!	
[12]	Some related problem	Science
[13]	are known	Dynamic Programming
[14]	in physics	
[15]	Matrix Searching	String Matching
[16]	Fullerton	

Output from Program

student@tuffix-vm:~/Desktop/git hub repo/project-3-michael-r-project-3$ make
./cuckoo

CPSC 335-x - Programming Assignment #3: Cuckoo Hashing algorithm
Input the file name (no spaces)!
in6.txt
String <Algorithm Engineering> will be placed at t[3][0]
String <California State University> will be placed at t[9][0]
String <Fullerton> will be placed at t[16][0]
String <College of Engineering> will be placed at t[10][0]
String <and Computer Science> will be placed at t[9][0] replacing <California State University>
String <California State University> will be placed at t[13][1]
String <Department of Computer> will be placed at t[10][0] replacing <College of Engineering>
String <College of Engineering> will be placed at t[3][1]
String <Science> will be placed at t[12][0]
String <Dynamic Programming> will be placed at t[8][0]
String <Monge Properties> will be placed at t[0][0]
String <String Matching> will be placed at t[11][0]
String <Matrix Searching> will be placed at t[15][0]
String <Optimal Tree Construction> will be placed at t[8][0] replacing <Dynamic Programming>
String <Dynamic Programming> will be placed at t[13][1] replacing <California State University>
String <California State University> will be placed at t[9][0] replacing <and Computer Science>
String <and Computer Science> will be placed at t[8][1]
String <Online algorithms> will be placed at t[9][0] replacing <California State University>
String <California State University> will be placed at t[13][1] replacing <Dynamic Programming>
String <Dynamic Programming> will be placed at t[8][0] replacing <Optimal Tree Construction>
String <Optimal Tree Construction> will be placed at t[8][1] replacing <and Computer Science>
String <and Computer Science> will be placed at t[9][0] replacing <Online algorithms>
String <Online algorithms> will be placed at t[1][1]
String <emphasis on> will be placed at t[0][0] replacing <Monge Properties>
String <Monge Properties> will be placed at t[15][1]
String <Server Problem> will be placed at t[4][0]
String <Some related problem> will be placed at t[12][0] replacing <Science>
String <Science> will be placed at t[12][1]
String <Self-Stabilization> will be placed at t[7][0]
String <One of the greatest> will be placed at t[3][0] replacing <Algorithm Engineering>
String <Algorithm Engineering> will be placed at t[1][1] replacing <Online algorithms>
String <Online algorithms> will be placed at t[9][0] replacing <and Computer Science>
String <and Computer Science> will be placed at t[8][1] replacing <Optimal Tree Construction>
String <Optimal Tree Construction> will be placed at t[8][0] replacing <Dynamic Programming>
String <Dynamic Programming> will be placed at t[13][1] replacing <California State University>
String <California State University> will be placed at t[9][0] replacing <Online algorithms>
String <Online algorithms> will be placed at t[1][1] replacing <Algorithm Engineering>

String <Algorithm Engineering> will be placed at t[3][0] replacing <One of the greatest>
String <One of the greatest> will be placed at t[0][1]
String <mysteries in science> will be placed at t[9][0] replacing <California State University>
String <California State University> will be placed at t[13][1] replacing <Dynamic Programming>
String <Dynamic Programming> will be placed at t[8][0] replacing <Optimal Tree Construction>
String <Optimal Tree Construction> will be placed at t[8][1] replacing <and Computer Science>
String <and Computer Science> will be placed at t[9][0] replacing <mysteries in science>
String <mysteries in science> will be placed at t[5][1]
String <Quantum Nature of Universe> will be placed at t[4][0] replacing <Server Problem>
String <Server Problem> will be placed at t[1][1] replacing <Online algorithms>
String <Online algorithms> will be placed at t[9][0] replacing <and Computer Science>
String <and Computer Science> will be placed at t[8][1] replacing <Optimal Tree Construction>
String <Optimal Tree Construction> will be placed at t[8][0] replacing <Dynamic Programming>
String <Dynamic Programming> will be placed at t[13][1] replacing <California State University>
String <California State University> will be placed at t[9][0] replacing <Online algorithms>
String <Online algorithms> will be placed at t[1][1] replacing <Server Problem>
String <Server Problem> will be placed at t[4][0] replacing <Quantum Nature of Universe>
String <Quantum Nature of Universe> will be placed at t[7][1]
String <in physics> will be placed at t[14][0]
String <are known> will be placed at t[13][0]
String <Cuckoo hashing is fun!> will be placed at t[11][0] replacing <String Matching>
String <String Matching> will be placed at t[15][1] replacing <Monge Properties>
String <Monge Properties> will be placed at t[0][0] replacing <emphasis on>
String <emphasis on> will be placed at t[6][1]