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CPSC 335-x - Programming Assignment #4: Cuckoo Hashing algorithm

Input the file name (no spaces)!

in6.txt

String <Algorithm Engineering> will be placed at t[11][0]

String <California State University> will be placed at t[16][0]

String <Fullerton> will be placed at t[15][0]

String <College of Engineering> will be placed at t[12][0]

String <and Computer Science> will be placed at t[16][0] replacing <California State University>

String <California State University> will be placed at t[16][1]

String <Department of Computer> will be placed at t[14][0]

String <Science> will be placed at t[12][0] replacing <College of Engineering>

String <College of Engineering> will be placed at t[5][1]

String <Dynamic Programming> will be placed at t[3][0]

String <Monge Properties> will be placed at t[9][0]

String <String Matching> will be placed at t[16][0] replacing <and Computer Science>

String <and Computer Science> will be placed at t[13][1]

String <Matrix Searching> will be placed at t[5][0]

String <Optimal Tree Construction> will be placed at t[5][0] replacing <Matrix Searching>

String <Matrix Searching> will be placed at t[11][1]

String <Online algorithms> will be placed at t[0][0]

String <emphasis on> will be placed at t[15][0] replacing <Fullerton>

String <Fullerton> will be placed at t[3][1]

String <Server Problem> will be placed at t[9][0] replacing <Monge Properties>

String <Monge Properties> will be placed at t[2][1]

String <Some related problem> will be placed at t[11][0] replacing <Algorithm Engineering>

String <Algorithm Engineering> will be placed at t[2][1] replacing <Monge Properties>

String <Monge Properties> will be placed at t[9][0] replacing <Server Problem>

String <Server Problem> will be placed at t[4][1]

String <Self-Stabilization> will be placed at t[2][0]

String <One of the greatest> will be placed at t[6][0]

String <mysteries in science> will be placed at t[3][0] replacing <Dynamic Programming>

String <Dynamic Programming> will be placed at t[14][1]

String <Quantum Nature of Universe> will be placed at t[4][0]

String <In physics and> will be placed at t[5][0] replacing <Optimal Tree Construction>

String <Optimal Tree Construction> will be placed at t[6][1]

String <are known> will be placed at t[3][0] replacing <mysteries in science>

String <mysteries in science> will be placed at t[15][1]

String <Cuckoo hashing is fun> will be placed at t[9][0] replacing <Monge Properties>
String <Monge Properties> will be placed at t[2][1] replacing <Algorithm Engineering>
String <Algorithm Engineering> will be placed at t[11][0] replacing <Some related problem>
String <Some related problem> will be placed at t[1][1]

in6.txt

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

