

CPSC335 Project 3 Report

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	Table T1	Table T2
[0]		
[1]	in physics are known	String matching
[2]	Matrix searching	
[3]	California State University School of Computer Science	Algorithm Engineering Monge properties Algorithm Engineering Monge properties
[4]	Greedy pattern Some related problem	
[5]		Online algorithms
[6]	emphasis on	
[7]		
[8]	Fullerton	
[9]		
[10]	String matching Online algorithms Server Problem one of the greatest mysteries Server Problem	Greedy pattern
[11]		California State University

CPSC335 Project 3 Report

[12]	Optimal tree construction	Self-Stabilization
[13]		one of the greatest mysteries
[14]	Quantum nature of universe	in science
[15]	College of Engineering and Computer Science	Server Problem in physics
[16]	Algorithm Engineering Monge properties Self-Stabilization Algorithm Engineering in science Monge properties Cuckoo Hashing is fun! Algorithm Engineering	Cuckoo Hashing is fun!

Program Output:

CPSC 335.01 - Programming Assignment #3: Cuckoo Hashing algorithm

Input the file name (no spaces)!

in6.txt

String <Algorithm Engineering> will be placed at t[16][0]
String <California State University> will be placed at t[3][0]
String <Fullerton> will be placed at t[8][0]
String <College of Engineering and Computer Science> will be placed at t[15][0]
String <School of Computer Science> will be placed at t[3][0] replacing <California State University>
String <California State University> will be placed at t[11][1]
String <Greedy pattern> will be placed at t[4][0]
String <Monge properties> will be placed at t[16][0] replacing <Algorithm Engineering>
String <Algorithm Engineering> will be placed at t[3][1]
String <String matching> will be placed at t[10][0]
String <Matrix searching> will be placed at t[2][0]
String <Optimal tree construction> will be placed at t[12][0]
String <Online algorithms> will be placed at t[10][0] replacing <String matching>
String <String matching> will be placed at t[1][1]
String <emphasis on> will be placed at t[6][0]
String <Server Problem> will be placed at t[10][0] replacing <Online algorithms>

CPSC335 Project 3 Report

String <Online algorithms> will be placed at t[5][1]
String <Some related problem> will be placed at t[4][0] replacing <Greedy pattern>
String <Greedy pattern> will be placed at t[10][1]
String <Self-Stabilization> will be placed at t[16][0] replacing <Monge properties>
String <Monge properties> will be placed at t[3][1] replacing <Algorithm Engineering>
String <Algorithm Engineering> will be placed at t[16][0] replacing <Self-Stabilization>
String <Self-Stabilization> will be placed at t[12][1]
String <one of the greatest mysteries> will be placed at t[10][0] replacing <Server Problem>
String <Server Problem> will be placed at t[15][1]
String <in science> will be placed at t[16][0] replacing <Algorithm Engineering>
String <Algorithm Engineering> will be placed at t[3][1] replacing <Monge properties>
String <Monge properties> will be placed at t[16][0] replacing <in science>
String <in science> will be placed at t[14][1]
String <Quantum nature of universe> will be placed at t[14][0]
String <in physics> will be placed at t[1][0]
String <are known> will be placed at t[1][0] replacing <in physics>
String <in physics> will be placed at t[15][1] replacing <Server Problem>
String <Server Problem> will be placed at t[10][0] replacing <one of the greatest mysteries>
String <one of the greatest mysteries> will be placed at t[13][1]
String <Cuckoo Hashing is fun!> will be placed at t[16][0] replacing <Monge properties>
String <Monge properties> will be placed at t[3][1] replacing <Algorithm Engineering>
String <Algorithm Engineering> will be placed at t[16][0] replacing <Cuckoo Hashing is fun!>
String <Cuckoo Hashing is fun!> will be placed at t[16][1]