

Bangladesh University of Engineering & Technology
Department of Computer Science & Engineering (CSE)
Course Name: Data Structures and Algorithms II Sessional
Course ID: CSE 208
Offline 7: Hashing
Report:

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Level 2 Term 2

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Hash Table Size	Collision Resolution Method	Hash1		Hash2	
		# of Collisions	Average Probes	# of Collisions	Average Probes
5000	Chaining	10051	2.598	9861	2.458
	Double Hashing	29705	7.636	29571	5.499
	Custom Probing	29285	7.489	31370	8.612

Hash Table Size	Collision Resolution Method	Hash1		Hash2	
		# of Collisions	Average Probes	# of Collisions	Average Probes
10000	Chaining	4987	1.761	4948	1.771
	Double Hashing	60139	1.405	57933	1.366
	Custom Probing	56833	1.422	58042	1.401

Hash Table Size	Collision Resolution Method	Hash1		Hash2	
		# of Collisions	Average Probes	# of Collisions	Average Probes
20000	Chaining	2430	2.598	2476	1.345
	Double Hashing	3852	7.636	3869	1.16
	Custom Probing	3877	7.489	3914	1.146