



# Offline-07

Hashing and HashTable

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# Report on various table size:

Hash Table Size Input	Collision Resolution Method	Hash#1		Hash#2	
		# of Collisions	Average Probes	# of Collisions	Average Probes
5000	Chaining Method	2858	1.198	2926	1.255
	Double Hashing	5592	1.343	5734	1.411
	Custom Probing	5525	1.344	5618	1.373
10000	Chaining Method	2636	1.198	2641	1.255
	Double Hashing	5155	1.392	5047	1.386
	Custom Probing	5050	1.326	5070	1.374
20000	Chaining Method	2121	1.228	2216	1.262
	Double Hashing	3906	1.351	4015	1.34
	Custom Probing	3842	1.387	4032	1.393