Report On HashTable Offline

Student Id : 1705098

Load factor : 1

Collision Resolution Method	Hash1		Hash2	
	No Of Collision	Avg probe	No Of Collision	Avg probe
Chaining Method	3647	0.0541	3723	0.0546
Double Hashing	84550	0.46648	70316	0.4726
Custom Probing	73769	0.482061	73769	0.642364

Load factor : 0.67

Collision Resolution Method	Hash1		Hash2	
	No Of Collision	Avg probe	No Of Collision	Avg probe
Chaining Method	2648	0.0366	2730	0.0345
Double Hashing	6402	0.0525	6636	0.0627
Custom Probing	6536	0.0601	6536	0.0606

Load factor : 0.5

Collision Resolution Method	Hash1		Hash2	
	No Of Collision	Avg probe	No Of Collision	Avg probe
Chaining Method	2133	0.0283	2119	0.0244
Double Hashing	3891	0.0367	3869	0.0321
Custom Probing	3888	0.0374	3888	0.0367