

## Insert Function

	Linear Probing Hash	Double Hash	Universal Hash
1327	1639	861	883
2657	279	271	235

## Search Function

	Linear Probing Hash	Double Hash	Universal Hash
1327	332976	332407	831708
2657	664465	664450	1649558

For both insertion and search function double hash is the most reliable hash to use. Because we hash the twice so the result number is more diverse than linear probing hash. Because we choose a in universal has a random number the value is unpredictable and may not always be smaller than double or linear probing hash.

The search functions collisions are more than insert because there are some elements that is not in the hash table it self so the function searches until it searches for all the elements for that hash. Unlike double hash and linear probing hash we take random value for universal, so when we search, we have to traverse all the elements on the list to make sure that elements exist.