

#1: ate & eat;

#2: Because when we add $(i+1)$ in Hash function we decreased the rate of conflict;

#3: No. Because the result of `size()` is only relate to the numbers of key, the numbers of key is not relate to the hash function you choose.

#4: No. It is impossible. Because it is due to your choice, it is a constant ratio.

#5: Yes. Because the `hash1()` and `hash2()` function maybe return two different values in the same word;

#6: Yes, because the table size is used in the modulo operator based on the hash. Using a prime number decreases the times of collision;

#7: