2) (5 pts) ALG (Hash Tables)

Suppose have some hash function that produces the following hash values for the following strings.

String	hash value
Wicked	35429
Cheesy	171745742
Lasagna	72457241
For	559079
Dinner	96879

Using the hash values above, insert the strings (one by one, in the order given above, from "wicked" down through "dinner") into the following hash table. Use **quadratic probing** to resolve any collisions. Note that there is a standard technique for dealing with hash values that exceed the length of a table (e.g., values that exceed 9 in the case of this particular table), and it's up to you to use that technique here.

Note: The length of the hash table is **10**.

0	1	2	3	4	5	6	7	8	9