2) (5 pts) ALG (Hash Tables)

Insert the following numbers (in the order that they are shown from left to right) into a hash table with an array of size 10, using the hash function, $H(x) = x \bmod 10$.

234   344   483   564   814

Show the result of the insertions, assuming any hash collisions are resolved through **quadratic probing.**

Index	Value
0	814
1	
2	
3	483
4	234
5	344
6	
7	
8	564
9	