Hash Table Practice Problems

1. Insert the following values into a hash table of size 10 using the hash equation
   $(x^2 +1)$ % 10 using the linear probing technique. Insert these values in sequential order:
   1,2,5,6, 8.

0	1	2	3	4	5	6	7	8	9

2. Insert the following values into a hash table of size 10 using the hash equation
   $(x^2 +1)$ % 10 using the quadratic probing technique. Insert these values in sequential
   order: 1,2,5,6, 8.

0	1	2	3	4	5	6	7	8	9

3. Insert the following values into a hash table of size 10 using the hash equation
   $(x^2 +1)$ % 10 using the separate chaining technique. Insert these values in sequential
   order: 1,2,5,6, 8.

0	1	2	3	4	5	6	7	8	9