CPS 305, Lab 8
Computer Science Department
Ryerson University
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Draw the 11-entry hash table that results from using the hash function,

$$h(i) = (3i+5) \bmod 11,$$

to hash the keys 12, 44, 13, 88, 23, 94, 11, 39, 20, 16, and 5, assuming

1. Collisions are handled by separate chaining.
2. Collisions are handled by linear probing?
3. Collisions are handled by double hashing using the secondary hash function

$$Hd(k) = 7-(k \bmod 7)$$

Notes:

1. Your output should show the resultant sequence with the indexing (position in the array or link list)
2. Your implementation should show the three different sequences for three different cases
3. You can use an array or a link list for the implementation