

### LINEAR-PROBING-HASH-DELETE( $T, q$ )

```

1  while TRUE
2      T[q] = NIL // make slot q empty
3      q' = q // starting point for search
4      repeat
5          q' = (q' + 1) mod m // next slot number with linear probing
6          k' = T[q'] // next key to try to move
7          if k' == NIL
8              return // return when an empty slot is found
9      until g(k', q) < g(k', q') // was empty slot q probed before q'?
10     T[q] = k' // move k' into slot q
11     q = q' // free up slot q'
```