Problem: $h_1(k) = k$, $h_2(k) = 1 + (k \bmod (m-1))$

31, 4, 15, 28, 59

length $m = 11$

Hash Function:

$$h(k,i) = (h_1(k) + i\,h_2(k)) \bmod m$$

$$= [k + i(1 + (k \bmod (m-1)))] \bmod m.$$

Với $i = 0$ thì

$h(k,0) = k \bmod m$

- $h(31,0) = 31 \bmod 11 = 9 \rightarrow T[9] = 31$
- $h(4,0) = 4 \rightarrow T[4] = 4$
- $h(15,0) = 4 \rightarrow$ collision

$$h(15,1) = (15 + 1.(1 + (15 \bmod 10))) \bmod 11$$

$$= (15 + 1 + 5) \bmod 11 = 10 \rightarrow T[10] = 15$$

- $h(28,0) = 6 \rightarrow T[6] = 28$
- $h(59,0) = 4 \rightarrow$ collision

$$h(59,1) = (59 + 1.(1 + 59 \bmod 10)) \bmod 11$$

$$= (59 + 1 + 9) \bmod 11 = 3 \rightarrow T[3] = 59$$

Vậy ta được T.

			59	4		28			31	15