

Insertar = 27

$$h(x) = 27 \bmod 13 = 1$$

0	1	2	3	4	5	6	7	8	9	10	11	12
	27		3								11	

Insertar = 99

$$h(x) = 99 \bmod 13 = 8$$

0	1	2	3	4	5	6	7	8	9	10	11	12
	27		3					99			11	

Insertar = 8

$$h(x) = 8 \bmod 13 = 8$$

$$h'(x) = (8 + 1) \bmod 13 = 9 \bmod 13 = 9$$

$$i = 1$$

0	1	2	3	4	5	6	7	8	9	10	11	12
	27		3					99	8		11	

Insertar = 50

$$h(x) = 50 \bmod 13 = 11$$

$$h'(x) = (11+1) \bmod 13 = 12 \bmod 13 = 12$$

$$i = 1$$

0	1	2	3	4	5	6	7	8	9	10	11	12
	27		3					99	8		11	50

Insertar = 77

$$h(x) = 77 \bmod 13 = 12$$

$$h'(x) = (12+1) \bmod 13 = 13 \bmod 13 = 0$$

$$i = 1$$

0	1	2	3	4	5	6	7	8	9	10	11	12
77	27		3					99	8		11	50

Insertar = 22

$$h(x) = 22 \bmod 13 = 9$$

$$h'(x) = (9+1) \bmod 13 = 10 \bmod 13 = 10$$

$$i = 1$$

0	1	2	3	4	5	6	7	8	9	10	11	12
77	27		3					99	8	22	11	50

Insertar = 12

$$h(x) = 12 \bmod 13 = 12$$

$$h'(x) = (12+1) \bmod 13 = 13 \bmod 13 = 0 \quad i = 1$$

$$h'(x) = (12+2) \bmod 13 = 14 \bmod 13 = 1 \quad i = 2$$

$$h'(x) = (12+3) \bmod 13 = 15 \bmod 13 = 2 \quad i = 3$$

0	1	2	3	4	5	6	7	8	9	10	11	12
77	27	12	3					99	8	22	11	50

Insertar = 31

$$h(x) = 31 \bmod 13 = 5$$

0	1	2	3	4	5	6	7	8	9	10	11	12
77	27	12	3		31			99	8	22	11	50

Insertar = 33

$$h(x) = 33 \bmod 13 = 7$$

0	1	2	3	4	5	6	7	8	9	10	11	12
77	27	12	3		31		33	99	8	22	11	50

Insertar = 40

$$h(x) = 40 \bmod 13 = 1$$

$$h'(x) = (1+1) \bmod 13 = 2 \bmod 13 = 2 \quad i = 1$$

$$h'(x) = (1+2) \bmod 13 = 3 \bmod 13 = 3 \quad i = 2$$

$$h'(x) = (1+3) \bmod 13 = 4 \bmod 13 = 4 \quad i = 3$$

0	1	2	3	4	5	6	7	8	9	10	11	12
77	27	12	3	40	31		33	99	8	22	11	50

Insertar = 53

$$h(x) = 53 \bmod 13 = 1$$

$$h'(x) = (1+1) \bmod 13 = 2 \bmod 13 = 2 \quad i = 1$$

$$h'(x) = (1+2) \bmod 13 = 3 \bmod 13 = 3 \quad i = 2$$

$$h'(x) = (1+3) \bmod 13 = 4 \bmod 13 = 4 \quad i = 3$$

$$h'(x) = (1+4) \bmod 13 = 5 \bmod 13 = 5 \quad i = 4$$

$$h'(x) = (1+5) \bmod 13 = 6 \bmod 13 = 6 \quad i = 5$$

0	1	2	3	4	5	6	7	8	9	10	11	12
77	27	12	3	40	31	53	33	99	8	22	11	50

Insertar = 99

$$h(x) = 99 \bmod 13 = 8$$

0	1	2	3	4	5	6	7	8	9	10	11	12
	27		3					99			11	

Insertar = 8

$$h(x) = 8 \bmod 13 = 8$$

$$h'(x) = (8 + 1) \bmod 13 = 9 \bmod 13 = 9$$

$$i = 1 \quad Z = 1$$

0	1	2	3	4	5	6	7	8	9	10	11	12
	27		3					99	8		11	

Insertar = 50

$$h(x) = 50 \bmod 13 = 11$$

$$h'(x) = (11+1) \bmod 13 = 12 \bmod 13 = 12$$

$$i = 1 \quad Z = 1$$

0	1	2	3	4	5	6	7	8	9	10	11	12
	27		3					99	8		11	50

Insertar = 77

$$h(x) = 77 \bmod 13 = 12$$

$$h'(x) = (12+1) \bmod 13 = 13 \bmod 13 = 0$$

$$i = 1 \quad Z = 1$$

0	1	2	3	4	5	6	7	8	9	10	11	12
77	27		3					99	8		11	50

Insertar = 22

$$h(x) = 22 \bmod 13 = 9$$

$$h'(x) = (9+1) \bmod 13 = 10 \bmod 13 = 10$$

$$i = 1 \quad Z = 1$$

0	1	2	3	4	5	6	7	8	9	10	11	12
77	27		3					99	8	22	11	50

Insertar = 12

$$h(x) = 12 \bmod 13 = 12$$

$$h'(x) = (12+1) \bmod 13 = 13 \bmod 13 = 0$$

$$i = 1 \quad Z = 1$$

$$h'(x) = (12+5) \bmod 13 = 17 \bmod 13 = 4$$

$$i = 2 \quad Z = 5$$

0	1	2	3	4	5	6	7	8	9	10	11	12
77	27		3	12				99	8	22	11	50

Insertar = 31

$$h(x) = 31 \bmod 13 = 5$$

0	1	2	3	4	5	6	7	8	9	10	11	12
77	27		3	12	31			99	8	22	11	50

Insertar = 33

$$h(x) = 33 \bmod 13 = 7$$

0	1	2	3	4	5	6	7	8	9	10	11	12
77	27		3	12	31		33	99	8	22	11	50

Insertar = 40

$$h(x) = 40 \bmod 13 = 1$$

$$h'(x) = (1+1) \bmod 13 = 2 \bmod 13 = 2$$

$$i = 1 \quad Z = 1$$

0	1	2	3	4	5	6	7	8	9	10	11	12
77	27	40	3	12	31		33	99	8	22	11	50

Insertar = 53

$$h(x) = 53 \bmod 13 = 1$$

$$h'(x) = (1+1) \bmod 13 = 2 \bmod 13 = 2$$

$$i = 1 \quad Z = 1$$

$$h'(x) = (1+5) \bmod 13 = 6 \bmod 13 = 6$$

$$i = 2 \quad Z = 5$$

0	1	2	3	4	5	6	7	8	9	10	11	12
77	27	40	3	12	31	53	33	99	8	22	11	50

RESULTADO

0	1	2	3	4	5	6	7	8	9	10	11	12
77	27	40	3	12	31	53	33	99	8	22	11	50