CSE 101 11-4-25

- Pa5: ext. 1 day

Ex. open addressing - double hashing

$m = 11$, $k \in \mathbb{Z}$

$$h(k,i) = \Big((k \% 11) + i(1 + k \% 10) \Big) \% 11$$

let $k = 24$

Probe sequence:

i

0 $(2 + 0) \% 11 = 2$

1 $(2 + 5) \% 11 = 7$

2 $(2 + 10) \% 11 = 1$

3 $(2 + 15) \% 11 = 6$

i

4 (2+4·5) %11 = 0

5 (2+5·5) %11 = 5

6 (2+6·5) " = 10

7 (2+7·5) " = 4

8 (2+8·5) " = 9

9 (2+9·5) " = 3

10 (2+10·5) " = 8

Seq: 2, 7, 1, 6, 0, 5, 10, 4, 9, 3, 8

```
char * D = {255, 0};
```

Special deleted value in data array