

DATE: _____

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Dry-Run

Hashing

implementation of Hashing)
by chaining.

// main function.

int main () {

HashTable H;

H.insert(5);

H.insert(17);

tb = 10

table[tb][10];

	0	1	2	3	4	5	6	7	8	9
0	10									
1										
2										
3										
4										
5	5									
6	6									
7	17									
8	28									
9	39									

// insert function:

void insert (int⁵ key).

int index = $5 \% 10 = 5$

int i = 0

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```
while (Table[index][i] != -1) {  
    ++i;  
}
```

```
Table[index][i] = key;  
[5][0] = key
```

// similar for all other elements
See the final output on
previous page