Hash table in Java → Phone Book

📊 Hard   🕐 11 minutes   ❓   Share:

Code Challenge — Write a program

Let's sum up and put all the implementation details together. The task is to use the described hash table to implement a simple phone book.

Input: the first line contains an integer n, the number of queries. Each of the next n lines contains a query in one of the following formats:

- *put* id number — put an entry (id, number) to a table;
- *get* id — get a phone number with a specified id;
- *remove* id — remove a phone number with a specified id.

Output: for each *get* query, print either the phone number that corresponds to the id or -1 if no number with the given id exists.

Sample Input 1:

```
11
put 1 0001
put 4 0004
put 3 0003
get 1
get 4
get 3
remove 1
remove 4
get 1
get 4
get 3
```

Sample Output 1:

```
0001
0004
0003
-1
-1
0003
```

Code Editor   **IDE**

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✓ **Correct**

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Share something, Sergey Kubatko

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SK   **Sergey Kubatko** less than a minute ago   🗑

do not use Scanner#nextLine()

♡ 0   **Reply**

RS   **Robert Schmidt** 5 months ago   Report

Seems like I'm the first who tries this apart from the implementer. The description is not all complete. The task is not clear. Several methods have to be implemented. This is a complex topic which (in my opinion) can't be solved with the rather short introduction.

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