• int get(string path) Returns the value associated with path or returns -1 if the path doesn't exist. Example 1: Input: ["FileSystem","createPath","get"] [[],["/a",1],["/a"]] Output: [null,true,1] **Explanation:** FileSystem fileSystem = new FileSystem(); fileSystem.createPath("/a", 1); // return true fileSystem.get("/a"); // return 1 Example 2: Input: ["FileSystem","createPath","createPath","get","createPath","get"] [[],["/leet",1],["/leet/code",2],["/leet/code"],["/c/d",1],["/c"]] Output: [null,true,true,2,false,-1] **Explanation:** FileSystem fileSystem = new FileSystem(); fileSystem.createPath("/leet", 1); // return true fileSystem.createPath("/leet/code", 2); // return true fileSystem.get("/leet/code"); // return 2 fileSystem.createPath("/c/d", 1); // return false because the parent path "/c" doesn't exist. fileSystem.get("/c"); // return -1 because this path doesn't exist. **Constraints:** • The number of calls to the two functions is less than or equal to 10<sup>4</sup> in total. • 2 <= path.length <= 100 • 1 <= value <=  $10^9$ Accepted 15,775 Submissions 26,521 Seen this question in a real interview before? Yes No Companies 🛅 i 0 ~ 6 months 6 months ~ 1 year 1 year ~ 2 years Google | 3 | Amazon | 3 **Related Topics** Hash Table String Design Trie Hide Hint 1 What if you think of a tree hierarchy for the files?. Hide Hint 2 A path is a node in the tree. Hide Hint 3 Use a hash table to store the valid paths along with their values.

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