

File Edit View

```
import java.util.*;

public class Main {
    public static void main(String[] args) {
        int n = 2;
        int[] arr = {1, 2, 2, 2, 2, 3, 4};
        int[] result = findSingleNumbers(arr, n);
        System.out.println(Arrays.toString(result));
    }

    public static int[] findSingleNumbers(int[] arr, int n) {
        Map<Integer, Integer> countMap = new HashMap<>();
        for (int num : arr) {
            countMap.put(num, countMap.getOrDefault(num, 0) + 1);
        }
        List<Integer> singleNumbers = new ArrayList<>();
        for (Map.Entry<Integer, Integer> entry : countMap.entrySet()) {
            if (entry.getValue() <= 1) {
                singleNumbers.add(entry.getKey());
            }
        }
        Collections.sort(singleNumbers);
        return singleNumbers.stream().mapToInt(i -> i).toArray();
    }
}
```

```
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C:\Users\lenovo>

D:\>javac Main.java

D:\>java Main
[1, 4]

D:\>
```

Main

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```
import java.util.*;

import java.util.HashSet;
import java.util.Arrays;

public class Main {
    public static void main(String[] args) {
        String s = "ilike";
        String[] dictionary = {"i", "like", "sam", "sung", "samung", "mobile"};
        System.out.println(wordbreak(s, dictionary));
    }

    public static int wordbreak(String s, String[] dictionary) {
        Set<String> wordSet = new HashSet<>(Arrays.asList(dictionary));
        boolean[] dp = new boolean[s.length() + 1];
        dp[0] = true;
        for (int i = 1; i <= s.length(); i++) {
            for (int j = 0; j < i; j++) {
                if (dp[j] && wordSet.contains(s.substring(j, i))) {
                    dp[i] = true;
                    break;
                }
            }
        }
        return dp[s.length()] ? 1 : 0;
    }
}
```

```
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D:\>javac Main.java

D:\>java Main
1

D:\>
```