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```
map<string, int> note; //map to store words in notes with its frequency
      string word;
      for(int i = 0; i < m; i++) {
          cin >> word;
          magazine[word]++;
      for(int i = 0; i < n; i++) {
         cin >> word;
          note[word]++;
      map<string, int> :: iterator it;
      bool success = 1;
      //iterate over note map to check whether all words are present in map or not
      for(it = note.begin(); it != note.end(); it++) {
          if(magazine[it->first] < it->second) {
             success = 0;
              break:
          }
      }
      if(success) {
          cout << "Yes";
      else {
          cout << "No";
      return 0;
Tested by AllisonP
Problem Tester's code:
lava
  import java.util.*;
  public class Solution {
      Map<String, Integer> magazineMap;
      Map<String, Integer> noteMap;
      public Solution(String magazine, String note) {
          this.noteMap = new HashMap<String, Integer>();
          this.magazineMap = new HashMap<String, Integer>();
          // Must use an object instead of a primitive because it may be assigned a null refere
          for(String s : magazine.split("[^a-zA-Z]+")) {
              occurrences = magazineMap.get(s);
              if(occurrences == null) {
                  magazineMap.put(s, 1);
              else {
                  magazineMap.put(s, occurrences + 1);
          for(String s : note.split("[^a-zA-Z]+")) {
              occurrences = noteMap.get(s);
              if(occurrences == null) {
                 noteMap.put(s, 1);
              else {
                  noteMap.put(s, occurrences + 1);
          }
      }
      public void solve() {
```

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```
boolean canReplicate = true;
for(String s : noteMap.keySet()) {
    if(!magazineMap.containsKey(s) || (magazineMap.get(s) < noteMap.get(s)) ) {
        canReplicate = false;
        break;
    }
}
System.out.println( (canReplicate) ? "Yes" : "No" );
}

public static void main(String[] args) {
    Scanner scanner = new Scanner(System.in);
    int m = scanner.nextInt();
    int n = scanner.nextInt();
    // Eat whitespace to beginning of next line
    scanner.nextLine();

    Solution s = new Solution(scanner.nextLine(), scanner.nextLine());
    scanner.close();
    s.solve();
}
</pre>
```

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