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Given an arbitrary ransom note string and another string containing letters from all the magazines, write a function that will return true if the ransom note can be constructed from the magazines ; otherwise, it will return false.

Each letter in the magazine string can only be used once in your ransom note.

**Note:**  
You may assume that both strings contain only lowercase letters.

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class Solution {

public boolean canConstruct(String ransomNote, String magazine) {

HashMap<Character,Integer> map=new HashMap<>();

HashMap<Character,Integer> map\_ran=new HashMap<>();

for(int i=0;i<magazine.length();i++){

map.put(magazine.charAt(i),map.getOrDefault(magazine.charAt(i),0)+1);

}

for(int i=0;i<ransomNote.length();i++){

map\_ran.put(ransomNote.charAt(i),map\_ran.getOrDefault(ransomNote.charAt(i),0)+1);

}

for(Map.Entry<Character,Integer> ent:map\_ran.entrySet()){

if(!map.containsKey(ent.getKey()))

return false;

System.out.print(ent.getKey()+":"+map.get(ent.getKey()));

if(map.get(ent.getKey())<ent.getValue())

return false;

}

return true;

}

}