Programming Assignment 3 Requirements

* Program  
  You have to implement two versions of the hashing algorithm.  
  (1) Linear Probing (2) Double Hashing  
  You will be given two files called **“doc1.txt”** and **“doc2.txt”** (must be the same in your code). The first one consists of a big word list. And you need to insert each word in the first one into a hash table. The second one is the other word list. For every single word in the second one, you search the hash table to see if it exists. You need to tell if these two word lists contain the same words by using the hash table constructed from the first file.
* Upload  
  Simply upload your code to E3. Do not use judge system this time.  
  On E3, place your code and answers into a directory named [your student ID],  
  e.g.   
     0123456/hw3\_1.cpp   
     0123456/hw3\_2.cpp   
  then pack your code into an ZIP file. (Notice: Please make sure it is ZIP.)
* Sample I/O

Input  
The two files hava the same format. The first line is the number of the words. The followed lines is every single word split by new line(\n). Assume that each word is at most 32 characters long and contain only lower case letters. There will be no repeated word in a file.  
Output

If these two files contain the same words, print true to the console.

If not, print false.  
Sample Input

Doc1  
4  
this(\n)

Is(\n)

a(\n)

book(\n)

Doc2  
4  
a(\n)

book(\n)

is(\n)

this(\n)

Sample output  
true