

Overview:	Count the number of distinct substrings in a string.
Description:	You are given a string. Count the number of distinct substrings of the given string.
Filename:	bug6.{java, cpp, py}
Input:	There is only one line in the input file, containing the string.
Output:	Output a single positive integer, the number of distinct substrings of that string.
Assumptions:	The string has length at most 100. All characters in the string are lowercase letters.
Sample Input 1:	aaaaa
Sample Output 1:	5
Sample Input 2:	abcde
Sample Output 2:	15