1. Baby Names

Mr. and Mrs. Sharma are blessed with a baby. And would like to name the baby.Their friends have sent a few names. Mr and Mrs. Sharma wants to know the first few letters that are common amongst all of the names.
Your task is to write a program that will accept the baby names and give the first few letters that are common amongst all of the names.

Note: If the names do not have the same first few letters in common, then print "-1"

Input/Output

Input	Output	Comments
ram rahim raju	**ra**	**Input :** Denotes list of baby names
		Output : ra
		Explanation : 'ra' is the common sequence of letters in all the names
sita gita shallu ravan	**-1**	**Input :** Denotes list of baby names
		Output : -1
		Explanation : As there is no common sequence of characters, print -1

2. Abdul and Numbers

After school hours, Abdul helps his father at his scooter repair shop. Abdul is always intrigued with numbers and their sequence. Each time a customer leaves his/her phone number Abdul likes to find the max length of substring that can be formed with this phone number, without any number being repeated. Write a program for Abdul that takes a number and gives the max length of substring.

Constraint: 3<=phone number<=10
Note: if the length of phone number violates constraint, print -1

Input/Output

Input	Output	Comments
1232345	4	**Input :** Represents phone number **output :** 4 **Explanation :** length of max substring that can be formed with this phone number, without any number being repeated i.e **1232345**
89	-1	**Input :** Represents phone number **output :** -1 **Explanation :** Not fulfilling constraint