**Remove Duplicate Letters| RemoveDuplicate.java**

Given a string, remove duplicate letters so that every letter appears once and only once.

**Solution**

I create a Set to check if we see the letter before or not. I iterate throw the string, if the Set does not have that letter, it means it is the first time that we see it, so we add it to the result string. If Set contains the letter, it means the letter is duplicated and we do nothing.

**Test 1**

Enter the String

gggooookkkkkllll

The string without duplicate is: gokl

**Test 2**

Enter the String

goodbyee

The string without duplicate is: goodbye

**Test 3**

Enter the String

remove duplicate

The string without duplicate is: remov duplicat