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Requirements:

In the LinkedStringLog class in Project 1 there needs to be 4 new methods. These methods include:

public boolean isEmpty( )  
public int howMany(String element)  
public boolean uniqInsert(String element)  
public String smallest( )

There will also need to be a program to test each of these methods.

Solution:

I made all 4 methods with comments for them to be understandable. Each of these methods were tested in the UseStringLog class to ensure they work properly.

Identification of classes/objects:

The main classes used were:

UseStringLog

StringLogInterface

LLStringNode

LinkedStringLog

ArrayStringLog