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**Depreciation:**

StringLog interface: It is collection of strings with a single string that is name of collection. If adding a new string at that it previously determines the particular string and print whole string collection. There are two constructors.

The string Log interface defines seven abstract method that will be overridden later by real classes. These seven methods are as follows:

**Following seven methods:**

1. void insert(string element);
2. boolean isFull();
3. int size();
4. boolean contains( string element);
5. void clear();
6. String getName();
7. String toString();

**The following Four other operations that might be useful to export from a StringLog ADT are as follows:**

1. getElementAtLastIndex() : It can be used to find out the latest element inserted
2. pop(): It will delete the last element inserted
3. delete(int element): It will traverse through the StringLog and delete the element passed as parameter if is available in the StringLog
4. insertAt(int element, int position): It will traverse through the String Log and insert the element at the specified position.

**The following main points of the contract are as follows:**

1. To ensure ADT is usable at application level we must clarify the use of methods. To able to invoke a method the application programmer must know its exact interface : name of method, types of its arguments and its return types.
2. The programmer must also be aware of the preconditions and assumptions that must be true for method to work correctly and effects of invoking the method .Establishing the preconditions for a method creates a contract between programmer who creates and programmer who uses the method.
3. Now lets have a look at the various preconditions:
4. The insert() function has a precondition that the StringLog must not be full.
5. If we are implementing the StringLog using Array then the maxSize passed as an argument to the constructor must be greater than 0.