303626-2-14E AID:258164 | 28/08/2020

**The following show the Program Plan for the stingLog problems:**

1. The implementation is very similar to that of StringADT as instead of storing String, storing integer and creating a log of int will be the desired task.
2. So the interface can be defined by simply modifying the insert method and contains method.
3. All other methods need not to be modified.

**The following show the program code of the depreciation:**

/\*Interface for a log of variables of type int in java\*/

public interface IntLogInterface

{ /\*Precondition: This IntLog is not full.

Places element into this IntLog \*/

void insert(int element);

/\* Returns true if IntLog is full, otherwise returns false \*/

boolean isFull();

/\* Returns the number of variables in this IntLog \*/

int size();

/\* Returns true if element is in this IntLog otherwise returns false \*/

boolean contains(int element);

/\* Makes IntLog empty \*/

void clear();

/\* Returns the name of this IntLog \*/

String getName();

/\* Returns a nicely formatted string representing the IntLog \*/

String toString();

}