com.george.als.utils

Class UserInput

```
java.lang.Object
  └─com.george.als.utils.UserInput
```

public class **UserInput**
extends java.lang.Object

This class holds all the methods to get data from the user Each function uses a JOptionPane to get user input and return data

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Constructor Summary

UserInput()

Method Summary

static void	**addBug**(Map map) Asks the user for the bug information and adds it to the map
static java.util.ArrayList<ALifeForm>	**getBugs**(int numBugs, Map map) Asks the user to input the information for each bug
static int	**getMapX**() Asks the user how wide they want the map
static int	**getMapY**() Asks the user for the height of the map
static int	**getMaxBugs**() Asks the user how many bugs they want to add to the map
static void	**modifyBug**(Map map) Asks the user for the information about the bug to be modified
static void	**removeLifeForm**(Map map) Asks the user for the bug to be removed

Methods inherited from class java.lang.Object
equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructor Detail

UserInput

`public UserInput()`

Method Detail

getMaxBugs

`public static int getMaxBugs()`

Asks the user how many bugs they want to add to the map

Returns:
the number of bugs

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getBugs

`public static java.util.ArrayList<`ALifeForm`> getBugs(int numBugs,`
                                              [Map](Map) `map)`

Asks the user to input the information for each bug

Parameters:
`numBugs` - the number of bugs to be added
`map` - the map they will be added to
Returns:
the ArrayList of bugs

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addBug

`public static void addBug(`[Map](Map) `map)`

Asks the user for the bug information and adds it to the map

Parameters:
`map` - the map for the bugs to be added to

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modifyBug

`public static void` **`modifyBug`**`(`[Map]` map)`

> Asks the user for the information about the bug to be modified
>
> **Parameters:**
> > `map` - the map to search for the bug

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removeLifeForm

`public static void` **`removeLifeForm`**`(`[Map]` map)`

> Asks the user for the bug to be removed
>
> **Parameters:**
> > `map` - the map to search for the bug

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getMapX

`public static int` **`getMapX`**`()`

> Asks the user how wide they want the map
>
> **Returns:**
> > the map width

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getMapY

`public static int` **`getMapY`**`()`

> Asks the user for the height of the map
>
> **Returns:**
> > the map height

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