

**Lab Goal :** This lab was designed to teach you more about iterators and list iterators.

**Lab Description :** Read in a list of words, a word to replace, and a word with which to replace the original word. Replace all occurrences of the original word with the new word. You must use a ListIterator.

**Sample Data :**

```
1 2 3 1 2 4      1      5
1 2 3 4 5 6 7 8 9 10 -1 -1 -1      -1      42
3 1 4 1 5 9 33 72 -3 2 3 6      3      0
```

**Files Needed ::**

```
IteratorReplacer.java
IteratorReplacerRunner.java
```

**Sample Output :**

```
[5, 2, 3, 5, 2, 4]
```

```
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 42, 42, 42]
```

```
[0, 1, 4, 1, 5, 9, 33, 72, -3, 2, 0, 6]
```

**Use an ArrayList to store the list.**

**Use split( ) to split the String input into a String[] array.**

```
String[] words = "abc cde fgh ijk".split(" ");
```

```
ArrayList<String> list = new ArrayList<String>(Arrays.asList(words));
```

You can use `list.toString().replaceAll()` to print out the ArrayList in one line.