

```
package com.itbulls.learnit.javacore.methods.hw;
```

```
public class StringProcessor {
```

```
    // TODO: mention StringBuilder
```

```
    public static final String INPUT_DATA = "Login;Name;Email" + System.lineSeparator() +
```

```
        "peterson;Chris Peterson;peterson@outlook.com" + System.lineSeparator()
```

```
    +
```

```
        "james;Derek James;james@gmail.com" + System.lineSeparator() +
```

```
        "jackson;Walter Jackson;jackson@gmail.com" + System.lineSeparator() +
```

```
        "gregory;Mike Gregory;gregory@yahoo.com";
```

```
    public static void main(String[] args) {
```

```
        System.out.println("==== Convert 1 demo =====");
```

```
        System.out.println(convert1(INPUT_DATA));
```

```
        System.out.println("==== Convert 2 demo =====");
```

```
        System.out.println(convert2(INPUT_DATA));
```

```
    }
```

```
    public static String convert1(String input) {
```

```
        String result = "";
```

```
        String[] lines = input.split(System.lineSeparator());
```

```
        for (int i = 1; i < lines.length; i++) {
```

```
            String[] wordsInLine = lines[i].split(";");
```

```
            result += wordsInLine[0] + " ==> " + wordsInLine[2] + System.lineSeparator();
```

```
        }
```

```
        return result;
```

```
}
```

```
public static String convert2(String input) {  
    String result = new String();  
    String[] lines = input.split(System.lineSeparator());  
    for (int i = 1; i < lines.length; i++) {  
        String[] wordsInLine = lines[i].split(";");  
        result += wordsInLine[1] + " (email: " + wordsInLine[2] + ")" +  
System.lineSeparator();  
    }  
    return result;  
  
}  
  
}
```