

1 – Refatoração para adicionar construtor na classe:

Antes:

```
public class CamelCase {  
  
    public String receivedText;  
  
}
```

Depois:

```
1  public class CamelCase {  
2  
3      public String receivedText;  
4  
5      public CamelCase(String receivedText){  
6          this.receivedText = receivedText;  
7      }  
8  
9  }  
10
```

2 – Refatoração para adicionar atributos e métodos na classe para atender o teste criado:

Antes:

```
1  public class CamelCase {  
2  
3      public String receivedText;  
4  
5      public CamelCase(String receivedText){  
6          this.receivedText = receivedText;  
7      }  
8  
9      public CamelCase(){  
10         this.receivedText = null;  
11     }  
12  
13  
14 }  
15
```

Depois:

```
public class CamelCase {

    public String receivedText;
    public String convertedText;

    public CamelCase(String receivedText){
        this.receivedText = receivedText;
    }

    public CamelCase(){
        this.receivedText = null;
    }

    public String convert(){
        this.convertedText = this.receivedText.replaceAll(String.format("%s|%s|%s",
            "(?<=[A-Z])(?=[A-Z][a-z])",
            "(?<=[^A-Z])(?=[A-Z])",
            "(?<=[A-Za-z])(?=[^A-Za-z])"
        ),
            replacement: " ").toLowerCase();
        return this.convertedText;
    }
}
```