Assignment 12.2:

Problem Statement:

Given a list of strings - List[String] (“alpha”, “gamma”, “omega”, “zeta”, “beta”).

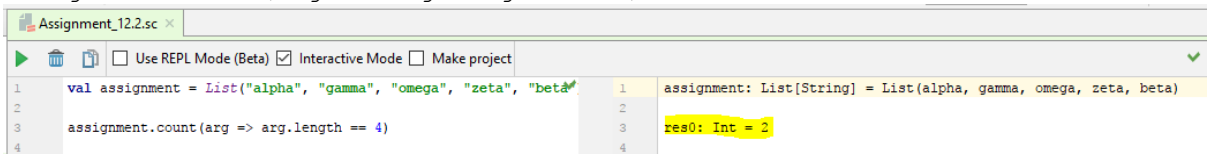
Steps:

A list with name ‘assignment’ is created and assigned with string values as fllows:

```
val assignment = List("alpha", "gamma", "omega", "zeta", "beta")
```

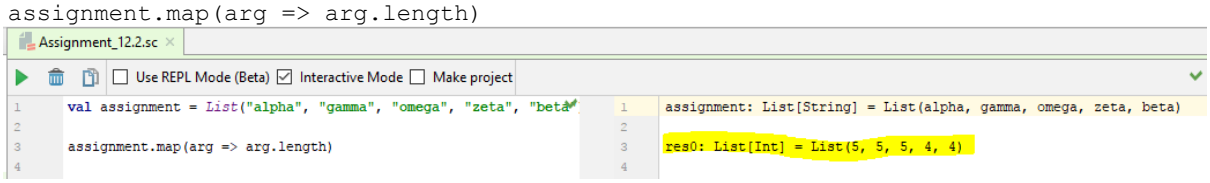
- **Find count of all strings with length 4**

```
assignment.count(arg => arg.length == 4)
```



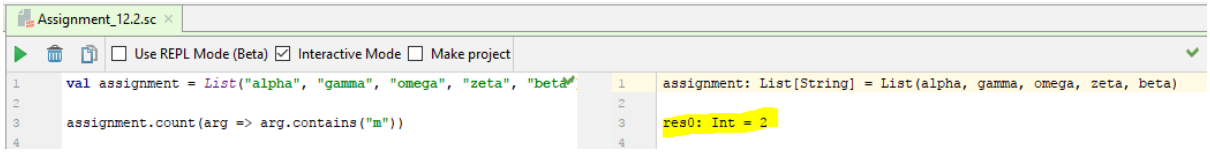
- **Convert the list of string to a list of integers, where each string is mapped to its corresponding length**

```
assignment.map(arg => arg.length)
```



- **Find count of all strings which contain alphabet ‘m’**

```
assignment.count(arg => arg.contains("m"))
```



- **Find the count of all strings which start with the alphabet ‘a’**

```
assignment.count(arg => arg.startsWith("a"))
```