

Problem Statement

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

- find count of all strings with length 4
- convert the list of string to a list of integers, where each string is mapped to its corresponding length
- find count of all strings which contain alphabet 'm'
- find the count of all strings which start with the alphabet 'a'

-List[String] ("alpha", "gamma", "omega", "zeta", "beta")

```
scala> val test1 : List[String] = List("alpha","gamma","omega","zeta","beta")
test1: List[String] = List(alpha, gamma, omega, zeta, beta)

scala> 
```

-Count of all strings with length 4

```
scala> val test1 : List[String] = List("alpha","gamma","omega","zeta","beta")
test1: List[String] = List(alpha, gamma, omega, zeta, beta)

scala> test1.count(s=> s.length == 4)
res0: Int = 2

scala> 
```

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

```
scala> val test1 : List[String] = List("alpha","gamma","omega","zeta","beta")
test1: List[String] = List(alpha, gamma, omega, zeta, beta)

scala> test1.map(s=> s.length)
res2: List[Int] = List(5, 5, 5, 4, 4)

scala> 
```

-find count of all strings which contain alphabet 'm'

```
scala> val test1 : List[String] = List("alpha","gamma","omega","zeta","beta")
test1: List[String] = List(alpha, gamma, omega, zeta, beta)

scala> test1.count(s=> s.contains("m"))
res5: Int = 2

scala> 
```

-find the count of all strings which start with the alphabet 'a'

```
scala> val test1 : List[String] = List("alpha","gamma","omega","zeta","beta")
test1: List[String] = List(alpha, gamma, omega, zeta, beta)

scala> test1.count(s=> s.charAt(0) == 'a')
res15: Int = 1

scala> 
```

Submitted By

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