

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

\_Find count of all strings with length 4.

→ scala> val list = List("alpha", "gamma", "omega", "zeta", "beta")

scala> val str\_count = list.count(str=>str.length==4)

scala> print(str\_count)

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

scala> val str_count = list.count(str=>str.length==4)
str_count: Int = 2

scala> print(str_count)
2
```

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

scala> var str\_count = list.map(str=>(str,str.length()))

scala> print(str\_count)

```
scala> var str_count = list.map(str=>(str,str.length()))
str_count: List[(String, Int)] = List((alpha,5), (gamma,5), (omega,5), (zeta,4), (beta,4))

scala> print(str_count)
```

→ Find count of all strings which contain alphabet 'm'.

scala> var m\_list = list.map(str=>str.contains("m")).filter(b=>(b==true)).length

scala> print(m\_list)

```
scala> var m_list = list.map(str=>str.contains("m")).filter(b=>(b==true)).length
m_list: Int = 2

scala> print(m_list)
2
```

→ Find the count of all strings which start with the alphabet 'a'.

scala> var word\_contains\_a = list.filter(\_.startsWith("a")).length

scala> print(word\_contains\_a)

```
scala> var word_contains_a = list.filter(_.startsWith("a")).length
word_contains_a: Int = 1

scala> print(word_contains_a)
1
scala> 
```