```
//creation of list

//SOLUTION
val lst = List("alpha","gamma","omega","zeta","beta")

//Output
lst: List[String] = List(alpha, gamma, omega, zeta, beta)



//   <<<<<------ TASK 1 ----->>>>>
//find count of all strings with length 4

//SOLUTION
println("Total Number of Strings with Length 4 are : " +
lst.count(x => x.length ==4))

//Output
Total Number of Strings with Length 4 are : 2
res0: Unit = ()

// *********************************



//   <<<<<------ TASK 2 ----->>>>>
//convert the list of string to a list of integers, where each
//string is mapped to its corresponding length

//SOLUTION
val lstnum = lst.map(x => x.length)

//Output
lstnum: List[Int] = List(5, 5, 5, 4, 4)

// *********************************



//   <<<<<------ TASK 3 ----->>>>>
//find count of all strings which contain alphabet 'm'

//SOLUTION 1
println("Total number of strings which contain 'm' are :
"+lst.count(x => x.contains('m')))

//Output
Total number of strings which contain 'm' are : 2
res1: Unit = ()
```

```
//SOLUTION 2
println("Total number of strings which contain 'm' are :
"+lst.count(x => x.matches(".*m.*")))

//Output
Total number of strings which contain 'm' are : 2
res2: Unit = ()

// *********************************


//   <<<<------ TASK 4 ----->>>>>
//find the count of all strings which start with the alphabet
//'a'

//SOLUTION
lst.count(x => x.matches("a.*"))

//Output
res3: Int = 1
// *********************************
```