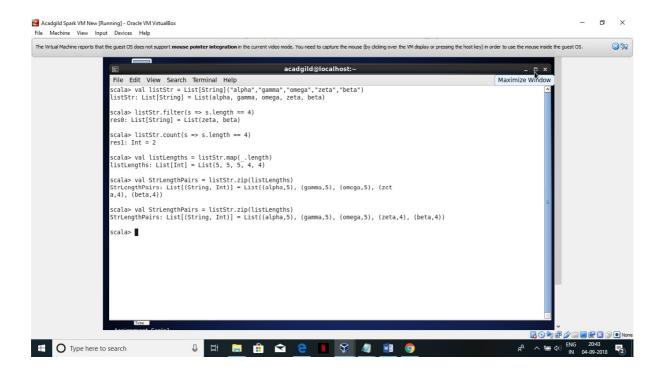
Task 2

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'



```
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The Virtual Machine reports that the guest OS does not support mouse pointer integration in the current video mode. You need to capture the mouse (by cliding over the VM display or pressing the host key) in order to use the mouse inside the guest OS.
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                               Assignment Scala1 ×
                              [acadgitd@localhost -]$ scala
Welcome to Scala version 2.11.7 (Java HotSpot(TM) 64-Bit Server VM, Java 1.8.0_161).
Type in expressions to have them evaluated.
Type thelp for more information.
                              |
| scala> val listStr = List[String]("alpha","gamma","omega","zeta","beta")
| listStr: List[String] = List(alpha, gamma, omega, zeta, beta)
                              scala> listStr.filter(s => s.length == 4)
res0: List[String] = List(zeta, beta)
                              scala> listStr.count(s => s.length == 4)
res1: Int = 2
                              scala> val listLengths = listStr.map(_.length)
listLengths: List[Int] = List(5, 5, 5, 4, 4)
                              scala> val StrLengthPairs = listStr.zip(listLengths)
StrLengthPairs: List[(String, Int)] = List((alpha,5), (gamma,5), (omega,5), (zeta,4), (beta,4))
                              scala> scala> listStr.count(_.contains('m'))
                              scala> listStr.count(_.startsWith("a"))
res18: Int = 1
                                                                                                                                  Plain Text > Tab Width: 8 > Ln 5, Col 1
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IN 05-09-2018
                                                              Type here to search
```

Task3

GCD of Two Numbers

