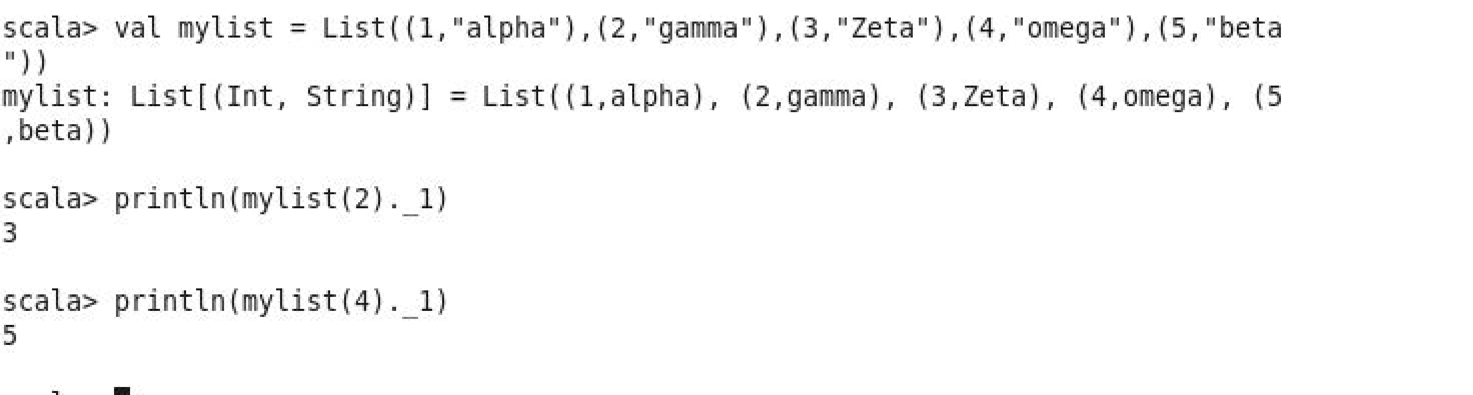
- Create a list of tuples, where the 1st element of the tuple is an int and the second element is a string.

  Example - ((1, ‘alpha’), (2, ‘beta’), (3, ‘gamma’), (4, ‘zeta’), (5, ‘omega’))
  - for the above list, print the numbers where the corresponding string length is 4
  - find the average of all numbers, where the corresponding string contains alphabet ‘m’ or alphabet ‘z’

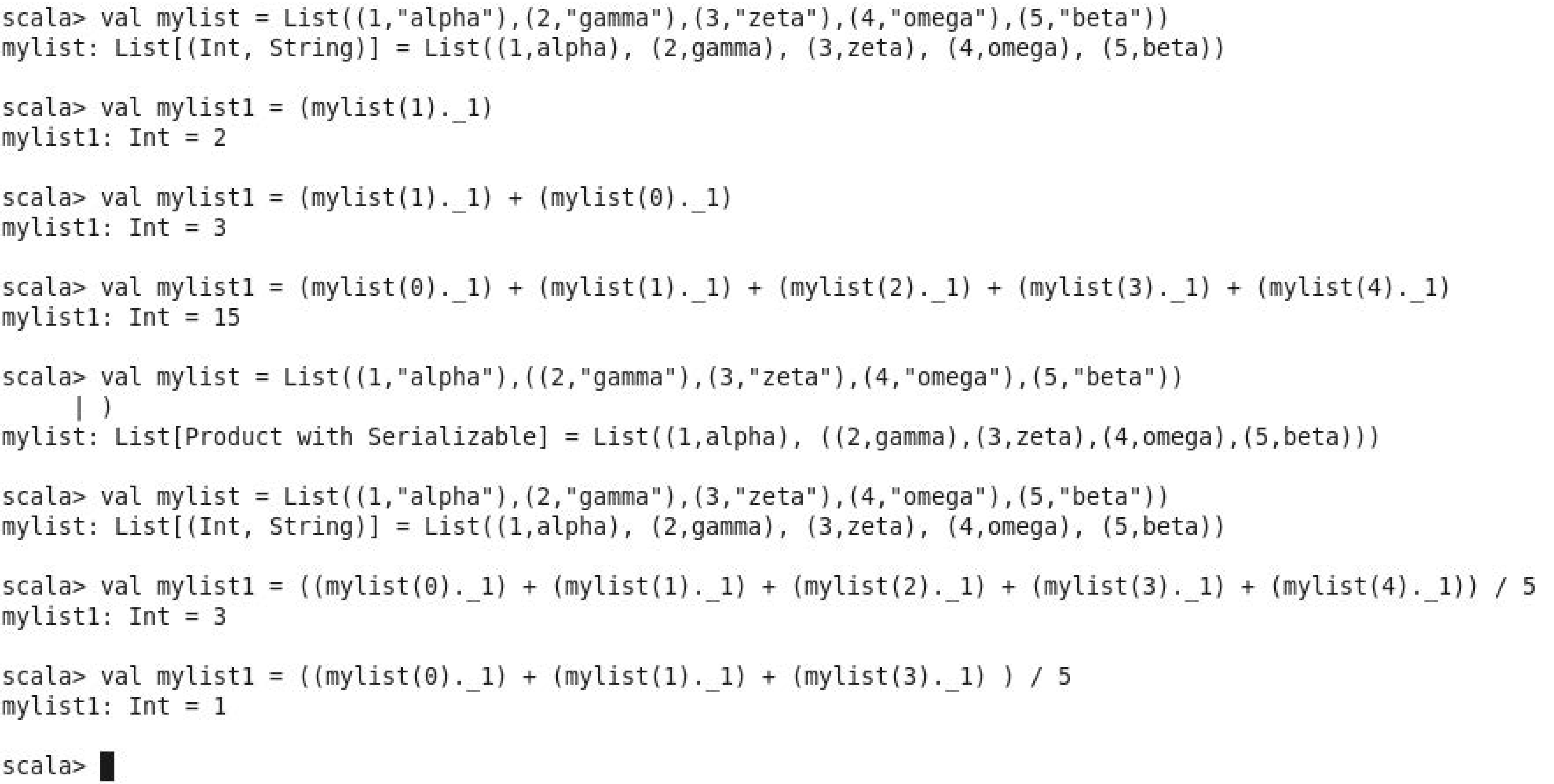


```
scala> val mylist = List((1,"alpha"),(2,"gamma"),(3,"Zeta"),(4,"omega"),(5,"beta
"))
mylist: List[(Int, String)] = List((1,alpha), (2,gamma), (3,Zeta), (4,omega), (5
,beta))

scala> println(mylist(2)._1)
3

scala> println(mylist(4)._1)
5

scala> 
```



```
scala> val mylist = List((1,"alpha"),(2,"gamma"),(3,"zeta"),(4,"omega"),(5,"beta"))
mylist: List[(Int, String)] = List((1,alpha), (2,gamma), (3,zeta), (4,omega), (5,beta))

scala> val mylist1 = (mylist(1)._1)
mylist1: Int = 2

scala> val mylist1 = (mylist(1)._1) + (mylist(0)._1)
mylist1: Int = 3

scala> val mylist1 = (mylist(0)._1) + (mylist(1)._1) + (mylist(2)._1) + (mylist(3)._1) + (mylist(4)._1)
mylist1: Int = 15

scala> val mylist = List((1,"alpha"),((2,"gamma"),(3,"zeta"),(4,"omega"),(5,"beta"))
     | )
mylist: List[Product with Serializable] = List((1,alpha), ((2,gamma),(3,zeta),(4,omega),(5,beta)))

scala> val mylist = List((1,"alpha"),(2,"gamma"),(3,"zeta"),(4,"omega"),(5,"beta"))
mylist: List[(Int, String)] = List((1,alpha), (2,gamma), (3,zeta), (4,omega), (5,beta))

scala> val mylist1 = ((mylist(0)._1) + (mylist(1)._1) + (mylist(2)._1) + (mylist(3)._1) + (mylist(4)._1)) / 5
mylist1: Int = 3

scala> val mylist1 = ((mylist(0)._1) + (mylist(1)._1) + (mylist(3)._1) ) / 5
mylist1: Int = 1

scala> 
```