

# Abhi-spark (Scala)

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Cmd 12

```
1 val x = List("alpha","gamma","omega","zeta","beta")
2 val y = x.count(x=>x.length==4)
3 val z = x.map(s=>s+": "+s.length)
4 val s = x.count(s=>s.contains("m"))
5 val h = x.count(s=>s.startsWith("a"))
6
```

x: List[String] = List(alpha, gamma, omega, zeta, beta)  
y: Int = 2  
z: List[String] = List(alpha:5, gamma:5, omega:5, zeta:4, beta:4)  
s: Int = 2  
h: Int = 1

Command took 0.50 seconds -- by allldeshmukh@gmail.com at 5/29/2018, 8:10:54 PM on My Cluster

Cmd 13

```
1 val x = List((1,"alpha"),(2,"beta"),(3,"gamma"),(4,"zeta"),(5,"omega"))
2 val y = x.collect{case(num,str) if str.length == 4 => num }
3 val z = x.collect{case(n,s) if (s.contains("m")||s.contains("z"))=>n}
4 val s = z.sum/z.length
```

x: List[(Int, String)] = List((1,alpha), (2,beta), (3,gamma), (4,zeta), (5,omega))  
y: List[Int] = List(2, 4)  
z: List[Int] = List(3, 4, 5)  
s: Int = 4

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