

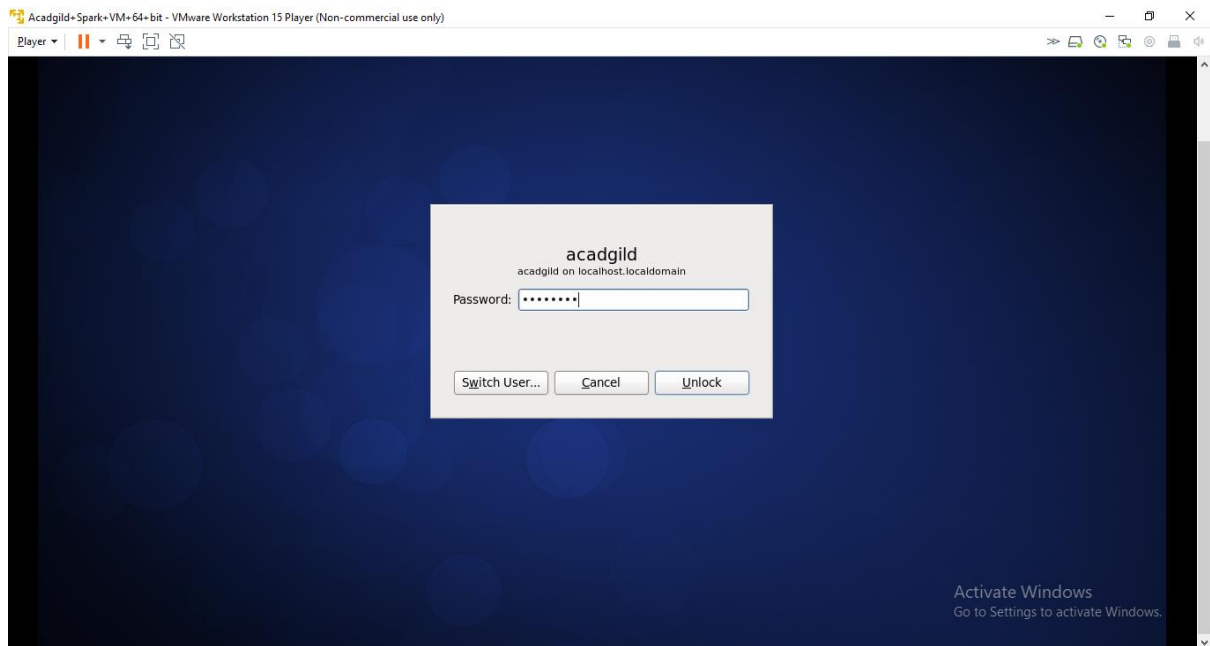
Acadgild-Assignment-43:

Problem Statement:

Task 1

Follow the below link document steps to download and import AcadgildSpark VM in the Oracle Virtual Box.

Ans: Done

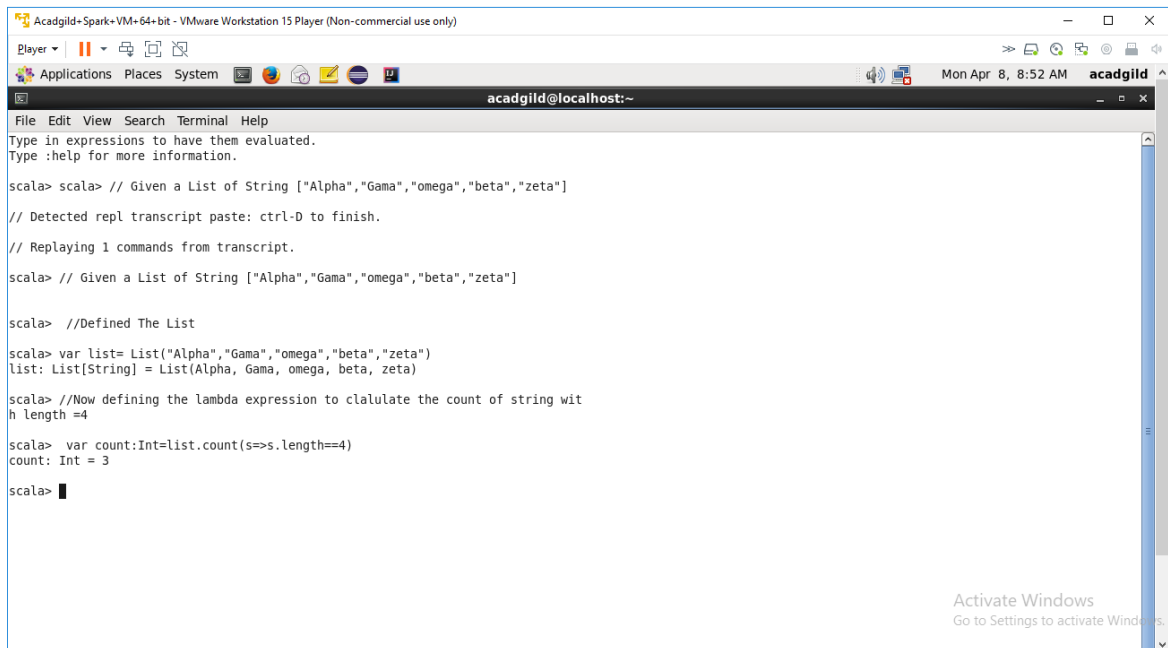


Task 2:-

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

2.1: find count of all strings with length 4.

Ans:



```
Acadgild+Spark+VM+64-bit - VMware Workstation 15 Player (Non-commercial use only)
Player
Applications Places System
acadgild@localhost:~
File Edit View Search Terminal Help
Type in expressions to have them evaluated.
Type :help for more information.

scala> scala> // Given a List of String ["Alpha","Gama","omega","beta","zeta"]
// Detected repl transcript paste: ctrl-D to finish.
// Replaying 1 commands from transcript.
scala> // Given a List of String ["Alpha","Gama","omega","beta","zeta"]

scala> //Defined The List
scala> var list= List("Alpha","Gama","omega","beta","zeta")
list: List[String] = List(Alpha, Gama, omega, beta, zeta)
scala> //Now defining the lambda expression to claculate the count of string wit
h length =4
scala> var count:Int=list.count(s=>s.length==4)
count: Int = 3
scala>
```

Q2.2 convert the list of string to a list of integers, where each string is mapped to its Corresponding length.

Ans:-

```
scala> //Q2
scala> //Convert the list of String into list of integer ,where each string is mapped to its corresponding length
scala> var intlist=list.map(s=>s.length)
intlist: List[Int] = List(5, 4, 5, 4, 4)
scala>
```