

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

The screenshot shows a Linux desktop with a blue background. On the left is a sidebar with icons for 'Computer', 'cloudera's Home', 'Trash', 'Migrate to Parallels', and 'Configure KVM'. The top panel displays 'Applications', 'Places', 'System', and the date 'Sat Oct 28, 10:25 AM' next to the 'cloudera' window title. A terminal window titled 'cloudera@quickstart: ~/Downloads' is open, showing a Scala REPL session. The session includes several 'scala>' prompts, some of which are followed by 'Error: Could not find the main class' messages. The code being executed defines a list of tuples and prints their elements.


```

cloudera@quickstart: ~/Downloads
scala>
scala>
scala>
scala>
scala>
scala>
scala>
scala>
scala>
scala> val listoftuples = List[(Int,String)]()
listoftuples: List[(Int, String)] = List()
scala> val list = (1,"alpha") :: (2,"beta") :: (3,"gamma") :: (4,"zeta") :: (5,"omega") :: listoftuples
list: List[(Int, String)] = List((1,alpha), (2,beta), (3,gamma), (4,zeta), (5,omega))
scala> list.foreach( x => if (x._2.length == 4) println(x._2))
beta
zeta
scala> list.foreach( x => if (x._2.length == 4) println(x._1))
2
4
scala>

```

The terminal window has multiple tabs open, all showing the same prompt 'cloudera@quickstart: ~/Downloads'. The bottom status bar shows a 'FAILED MAP attempts...' message and the current directory 'cloudera@quickstart:...'.

'm'
or alphabet 'z'



The screenshot shows a terminal window titled "cloudera@quickstart: ~/Downloads". The terminal displays a Scala REPL session with the following commands and output:

```
scala>  
scala>  
scala>  
scala>  
scala>  
scala>  
scala>  
scala>  
scala>  
scala>  
scala>  
scala> println(list  
List(1,alpha), (2,beta), (3,gamma), (4,zeta), (5,omega))  
scala> val listofmas = list.filter( x => x.2.contains("m")|| x.2.contains("z"))  
listofmas: List[(Int, String)] = List((3,gamma), (4,zeta), (5,omega))  
scala> val average = listofms.map(_._1).sum/list.size.toDouble  
average: Double = 1.6  
scala>
```

The terminal window has a menu bar with "File", "Edit", and "View". The background of the terminal is blue. The window title bar shows "cloudera@quickstart: ~/Downloads" and standard window controls. The system tray at the bottom shows a clock and several application icons.