1. 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**

**val list\_tuple = ((1, "alpha"), (2, "beta"), (3, "gamma"), (4, "zeta"), (5, "omega"))**

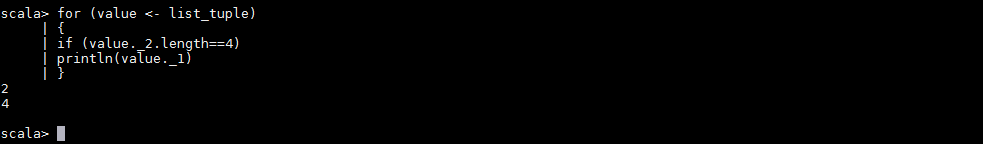
**for (value <- list\_tuple)**

**{**

**if (value.\_2.length==4)**

**println(value.\_1)**

**}**



1. **find the average of all numbers, where the corresponding string contains alphabet 'm'**

**Or alphabet ‘z’.**

**val list = List((1, "alpha"), (2, "beta"), (3, "gamma"), (4, "zeta"), (5, "omega"))**

**val list\_contains\_mz = list.map(s=>(s.\_1,s.\_2.contains("m")||s.\_2.contains("z")))**

**val list\_true\_sum = list\_contains\_mz.filter(s=>s.\_2==true).map(m=>m.\_1).sum**

**val list\_true\_len = list\_contains\_mz.filter(s=>s.\_2==true).length**

**val result = list\_true\_sum/list\_true\_len**

**print(result)**

