**ASSIGNMENT12.3**

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

**element is a string.**

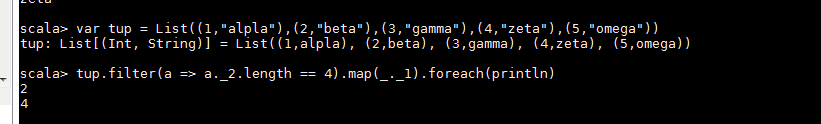
**Example - ((1, ‘alpha’), (2, ‘beta’), (3, ‘gamma’), (4, ‘zeta’), (5, ‘omega’))**

**- for the above list, print the numbers where the corresponding string length is 4**

**var tup = List((1,"alpla"),(2,"beta"),(3,"gamma"),(4,"zeta"),(5,"omega"))**

**tup.filter(a => a.\_2.length == 4).map(\_.\_2).foreach(println)**

**Output:**



**Find the average of all numbers, where the corresponding string contains alphabet ‘m’**

**or alphabet ‘z’**

**var tup = List((1,"alpla"),(2,"beta"),(3,"gamma"),(4,"zeta"),(5,"omega"))**

**var tup1 = tup.filter(a =>( a.\_2.count(\_ == 'm') != 0 || a.\_2.count(\_ == 'z') != 0))**

**tup1.map(\_.\_1).sum/tup1.size**