ASSIGNMENT 12.3

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
- find the average of all numbers, where the corresponding string contains alphabet 'm' or alphabet 'z'

ListTuple.scala

```scala
//object
object obj1 extends App {
//initializing list and variables
val m = Map(1 -> "alpha", 2 -> "beta", 3 -> "gamma", 4 -> "zeta", 5 ->  "omega")
var count = 0
var sum = 0
for ( i <- m.keys)//mapping key values
{
  if (m(i).length==4) //checking length
     {
        println("number matching length 4 = " + i)
     }

  if ( (m(i).contains("m"))  || (m(i).contains("z") == true ))
     {
            count +=1 //counting number of numbers
     sum +=i  //summing their key values
     }

}

println("average of all numbers, where the corresponding string contains alphabet
'm' or alphabet 'z' is " + (sum/count) )
}
```

OUTPUT

```
number matching length 4 = 2
number matching length 4 = 4
average of all numbers, where the corresponding string contains alphabet 'm' or
alphabet 'z' is 4
```