**CSC 369 – Assignment 4**

**Question 1:**

import scala.io.Source

object Divisible {

def mod3(s: String): Unit = {

val num = s.toInt

if (num % 3 == 0) println(num)

}

def printmod3(s: String): Unit = {

val numbers = s.split(" ")

numbers.foreach(mod3(\_))

}

def main(args: Array[String]): Unit = {

val lines = Source.fromFile("input.txt").getLines.toList

lines.foreach(printmod3(\_))

}

}

**Question 2:**

import scala.io.Source

import scala.collection.mutable

object TempCheck {

def printTop(s: String): Unit = {

val tokens = s.split(" ")

var temps = scala.collection.mutable.Set(-999)

print(tokens(0) + " ")

for (i <- 1 to tokens.length-1) temps += tokens(i).toInt

println(temps.max)

}

def main (args: Array[String]): Unit = {

val lines = Source.fromFile("input.txt").getLines.toList

lines.foreach(printTop(\_))

}

}

**Question 3:**