CSC 369 – Assignment 4

Question 1:

```scala
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:

```scala
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: