Session 13 Assignment 1

To find the GCD of two numbers using Scala.

```scala
Session13Assignment1.scala  X
// Scala program to find the GCD of two numbers
object Session12Assignment3 {

        // Function to calculate and return the GCD
        def getGCD(a: Int, b: Int): Int = {
                if(b==0)a else getGCD(b,a%b)
        }

        // Pass the numbers from command line to find the GCD
        // Convert the string to int and call the getGCD function
        def main(args: Array[String]) {
                println("GCD of " + args(0) + " and " + args(1) + " is " + getGCD(args(0).toInt,args(1).toInt))
        }
}
```

```
[acadgild@localhost Session13Assignment1]$ scala Session13Assignment1.scala 10 100
GCD of 10 and 100 is 10
[acadgild@localhost Session13Assignment1]$ ▮


[acadgild@localhost Session13Assignment1]$ scala Session13Assignment1.scala 10 5
GCD of 10 and 5 is 5
[acadgild@localhost Session13Assignment1]$ ▮
```