1. GCD Code

```
object GCD
{
    def gcd(a: Int,b: Int): Int = {
        if(b ==0) a else gcd(b, a%b)
    }

    def main(args: Array[String]) {
        println("gcd of " + args(0) + " and " + args(1) + " is : " + gcd(args(0)
.toInt,args(1).toInt))
    }
}
```

"GCD.scala" 11L, 245C   11,0-1   All

2. GCD Scala Code Execution Output

```
[acadgild@localhost AGScala]$ scalac GCD.scala
[acadgild@localhost AGScala]$ scala GCD 45 45
gcd of 45 and 45 is : 45
[acadgild@localhost AGScala]$ scala GCD 9 45
gcd of 9 and 45 is : 9
[acadgild@localhost AGScala]$ scala GCD 23 43
gcd of 23 and 43 is : 1
[acadgild@localhost AGScala]$ scala GCD 1 1
gcd of 1 and 1 is : 1
[acadgild@localhost AGScala]$
```