

Bigdata Assignment 5.1

Create a Scala application to find the GCD of two numbers.

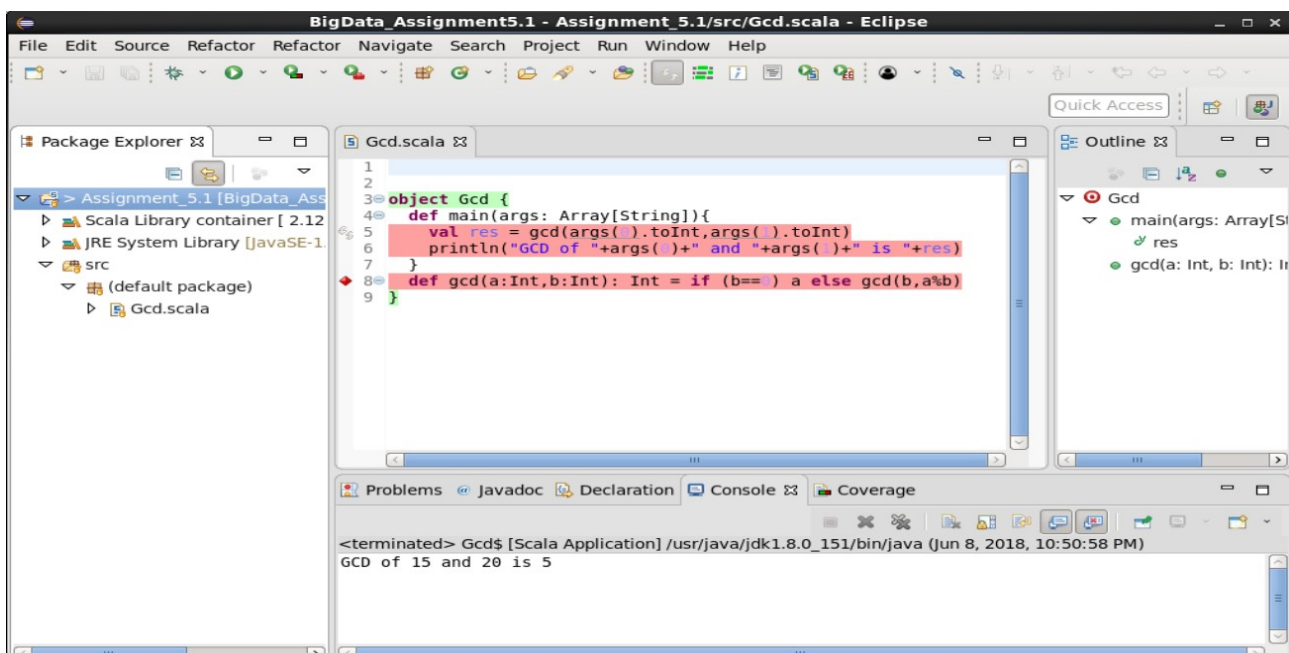
Solution -

Gcd.scala

```
object Gcd {  
  def main(args: Array[String]){  
    val res = gcd(args(0).toInt,args(1).toInt)  
    //command line arguments passed to gcd function  
    println("GCD of "+args(0)+" and "+args(1)+" is "+res)  
  }  
  //Gcd function to calculate gcd of 2 nos.  
  def gcd(a:Int,b:Int): Int = if (b==0) a else gcd(b,a%b)  
}
```

Input – 15 20

Output – GCD of 15 and 20 is 5



As in the above screenshot it is evident that in the console window ,we got the output , when it was run as a scala application.