

```
1 //Task3
2 //using Euclidian algorithm to finding GCD of two integers.
3 def gcd(x: Int, y: Int) : Int = {
4   if (x == 0) y
5   else if (y == 0) x
6   else if (x < y) gcd(x, y-x)
7   else gcd(x-y,y)
8 }
```

gcd: (x: Int, y: Int)Int

Command took 0.22 seconds -- by mishra.cickyl@gmail.com at 4/14/2018, 11:21:11 PM on acadgild

Cmd 6

```
1 gcd(25,50)
```

res3: Int = 25

Command took 0.15 seconds -- by mishra.cickyl@gmail.com at 4/14/2018, 11:21:20 PM on acadgild