```
// Task 2

import scala.collection.mutable.ArrayBuffer

var names = ArrayBuffer("alpha", "gamma", "omega", "zeta", "beta")

var namesWithLength4 = names.filter(_.length == 4)

print(namesWithLength4)
```

Output : namesWithLength4:
scala.collection.mutable.ArrayBuffer[String] = ArrayBuffer(zeta, beta)

```
var namesToLengthMapping = names.map(_.length)

print(namesToLengthMapping)
```

Output: namesToLengthMapping:
scala.collection.mutable.ArrayBuffer[Int] = ArrayBuffer(5, 5, 5, 4, 4)

```
var allStringWhichContainm = names.filter(_.contains("m"))

print(allStringWhichContainm.size)
```

Output : 2

```
var allStringWhichStartWitha = names.filter(_.startsWith("a"))

println(allStringWhichStartWitha.size)
```

Output : 2

```scala
// Task 3


object GCD{
  def gcd(x:Int , y:Int):Any ={
    if(y==0) x else gcd(y,x%y)
  }

  def main(args: Array[String]): Unit = {
    print(gcd(25,15))
  }
}
```

output : 5