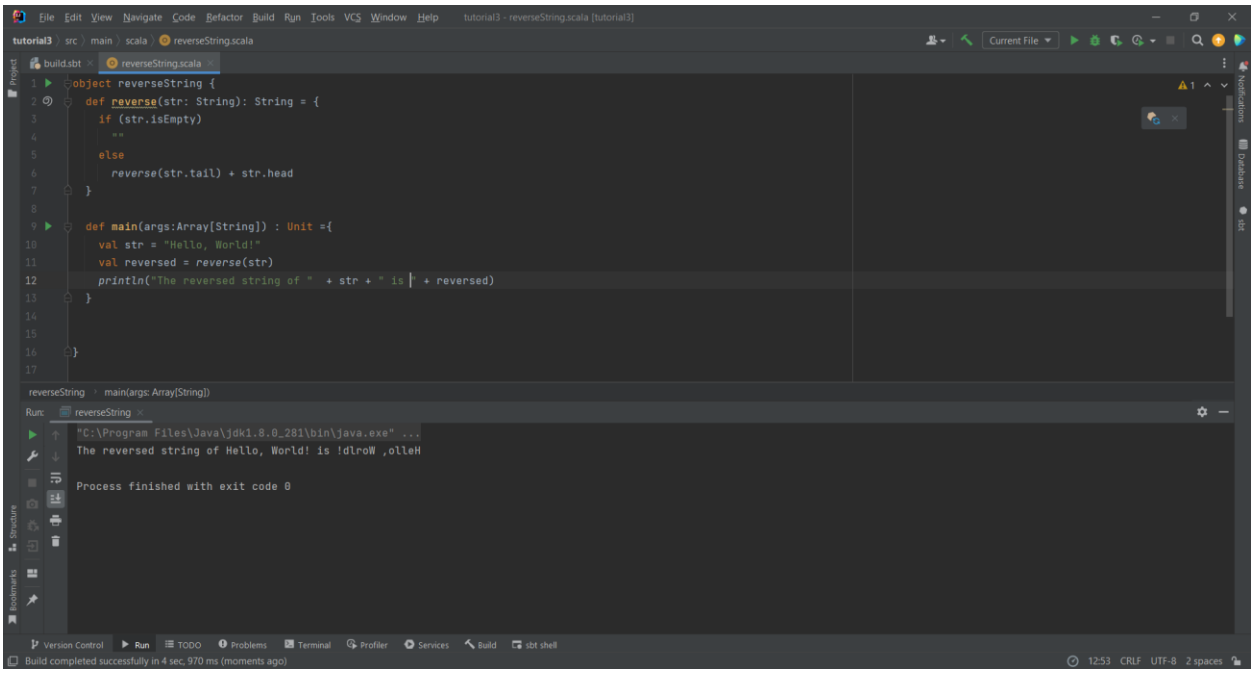
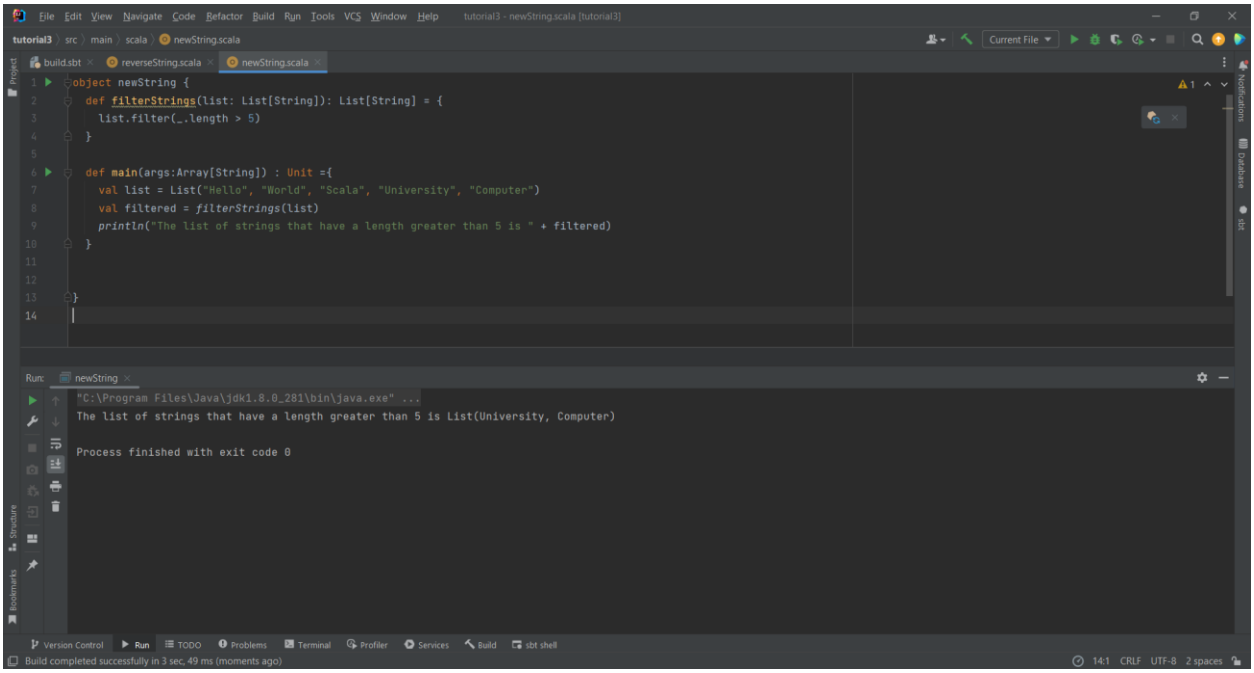
Functional Programming – Tutorial 3

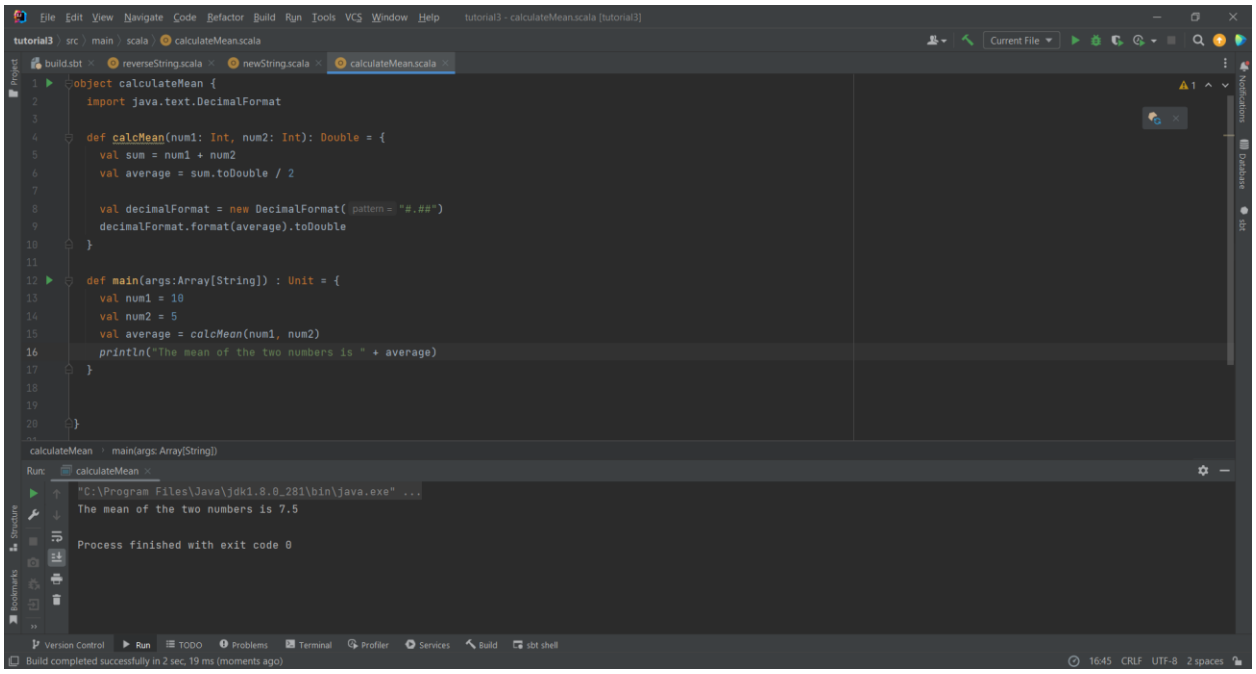
Question 1



Question 2



Question 3


File Edit View Navigate Code Refactor Build Run Tools VCS Window Help
tutorial3 - calculateMean.scala [tutorial3]
tutorial3 src main scala calculateMean.scala
Current File
build.sbt
reverseString.scala
newString.scala
calculateMean.scala
object calculateMean {
import java.text.DecimalFormat
def calcMean(num1: Int, num2: Int): Double = {
val sum = num1 + num2
val average = sum.toDouble / 2
val decimalFormat = new DecimalFormat(pattern = "#.##")
decimalFormat.format(average).toDouble
}
def main(args:Array[String]) : Unit = {
val num1 = 10
val num2 = 5
val average = calcMean(num1, num2)
println("The mean of the two numbers is " + average)
}
}
calculateMean main(args: Array[String])
Run: calculateMean
"C:\Program Files\Java\jdk1.8.0_281\bin\java.exe" ...
The mean of the two numbers is 7.5
Process finished with exit code 0
Version Control Run TODO Problems Terminal Profiler Services Build sbt shell
Build completed successfully in 2 sec, 19 ms (moments ago)
16:45 CRLF UTF-8 2 spaces