Каріна Зубко 4 варіант

Лаболаторна 5:

//Zubko

object Main extends App {

// Task 1

val list1 = (1 to 5).map(\_ + 1)

println(s"Task 1: $list1")

// Task 2

val list2 = (1 to 10).map(\_ \* 2)

println(s"Task 2: $list2")

// Task 3

val list3 = (1 to 30).filter(\_ % 2 != 0)

println(s"Task 3: $list3")

// Task 4

val list4 = (1 to 10).filter(\_ < 4)

println(s"Task 4: $list4")

// Task 5

val sum = (1 to 100).foldLeft(0)(\_ + \_)

println(s"Task 5: $sum")

// Task 6

val factorial4 = (1 to 4).foldRight(1)(\_ \* \_)

println(s"Task 6: $factorial4")

}

