



Universidad de las Fuerzas Armadas ESPE

Object Oriented Programming

Teacher: Edison Lascano

Student: Revilla Antonio

Nrc: 14575

Homework #11

Topic: Data Persistence

```

val gson = GsonBuilder().setPrettyPrinting().create()
val jsonBook1: String = gson.toJson(book1)
val jsonBook2: String = gson.toJson(book2)

println(jsonBook1)
println(jsonBook2)

val booksJsonObject = JsonObject()

booksJsonObject.add( property: "book1", gson.toJsonTree(book1))
booksJsonObject.add( property: "book2", gson.toJsonTree(book2))

val jsonBooks: String = gson.toJson(booksJsonObject)
val fileWriter = FileWriter( fileName: "books.json")
fileWriter.use {it.write(jsonBooks)}
}

```

```

Title: Effective Kotlin
Author: Joshua Bloch
Pages: 220

Alice is reading: The Kotlin Programming Language
Title: The Kotlin Programming Language
Author: JetBrains
Pages: 500

{
  "title": "The Kotlin Programming Language",
  "author": "JetBrains",
  "pages": 500
}
{
  "title": "Effective Kotlin",
  "author": "Joshua Bloch",
  "pages": 220
}

```

```

ava [X] books.json [X]
{
  "book1": {
    "title": "The Kotlin Programming Language",
    "author": "JetBrains",
    "pages": 500
  },
  "book2": {
    "title": "Effective Kotlin",
    "author": "Joshua Bloch",
    "pages": 220
  }
}

```