1. Text

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2. 
3. **Agenda**:
   1. We will be creating some schema definition.
   2. Then we will generate POJO out of those schemas.
4. 
5. Let’s 1st define the problem statement that we will be solving in this lecture.
6. **Problem**:
7. We want to be able to model an invoice event (msg).
8. Table

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9. **Now let’s look at the Solution**:
10. We want to define objects using a simple schema Definition Language and want to automatically generate serializable classes.
11. We will use open-source project named jsonschema2pojo.  
    You might find a better alternative or build a custom tool for your purpose.  
    However, Jsonschema2Pojo is the reasonable choice for being able to produce Java as well as Scala Code.
12. Let’s create a new maven project and define schema for our objects.  
    Project can be downloaded from the lecture.
13. Graphical user interface, text, application, email

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14. Graphical user interface, text, application, email

    Description automatically generated
15. Graphical user interface, text, application

    Description automatically generated
16. Graphical user interface, text, application

    Description automatically generated
17. Now we’re left with one Schema 🡺 PosInvoice.java
18. Graphical user interface, text, application

    Description automatically generatedWe are done with all Schema Definitions for the even model we have created above.
19. Now how to generate Class Definition from this schemas.
20. Jsonschema2pojo comes a maven plugin.  
    let’s add details in the pom file.  
      
      
      
    Text, timeline

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    Graphical user interface, text, application

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    We also need apache commons as jsonschema2pojo requires it.
21. Graphical user interface, application

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    Graphical user interface, application

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