



4x4 sessions

Week 3

Project due date: 1 week from today

This week you will add **JSON export and import** utility for your application.

There will be two more features for your application:

1 - User can export task list into a JSON formatted document. In this way your application can be easily integrated to other systems

2 - Your system can import a JSON file (exported JSON) and create object instances from that document.

Please read about JSON at Internet. Learn how to handle JSON format in Java and implement features.

Here is an example JSON in Wikipedia article:

```
{
  "firstName": "John",
  "lastName": "Smith",
  "isAlive": true,
  "age": 27,
  "address": {
    "streetAddress": "21 2nd Street",
    "city": "New York",
    "state": "NY",
    "postalCode": "10021-3100"
  },
  "phoneNumbers": [
    {
      "type": "home",
      "number": "212 555-1234"
    },
    {
      "type": "office",
      "number": "646 555-4567"
    }
  ],
  "children": [],
  "spouse": null
}
```

You can use <https://jsonlint.com/> to validate your JSON file.

You can use <https://codebeautify.org/jsonviewer> to view and analyze your JSON file.