JSON with Records in Java

Vocabulary

ObjectMapper
JsonIgnoreProperties
TypeReference
JsonProcessingException
SerializationFeature
readValue
writeValue
.class
Record
this()
?
&
URL
JSON

Questions to answer

What is a Java record?
How is a record different from a class?
What methods are included with a record?
How do you access the data in a record?
Can you change the data in a record?
Can records use inheritance?
How do you customize a record to have a zero parameter constructor?
What are the three libraries you need to add for using Jackson?
What data sources can easily be used for the ObjectMapper's readValue method?
How do you specify arguments and parameters in a URL?
How do you handle spaces in a URL?
How do you handle multiple exception types in a single catch block?
Why is a try with resources best for IO operations
How do you retrieve multiple JSON values with readValue?
What is the second parameter for the readValue method?
What is the first parameter for the writeValue method?
What is the second parameter for the writeValue method?
Why use the INDENT_OUTPUT feature for JSON data?