PROJECT 2 :FILE CONVERSION



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# ACKNOWLEDGEMENT

While I was making this project , a lot of information that I found helped me in chapter and I am glad that I was able to complete this project and was able to understand many things.

It gave me an immense pleasure while doing this project because it was not just a project but , a source to learn not just about chapter but also I inculcated many qualities like responsibility , punctuality , confidence and what not.

The journey of making this project was so nice and in all this my teachers who supported me all the time , cleared my doubts and the parents support also played a big role and my friends too helped me . I thank to all of them and wish that they keep supporting me like this.

Doing work on time is something everyone needs to learn and through this project I have improved my timing and also it made my thinking skills better .

A project is a bridge between theoretical and practical learning and with this thinking I worked on the project and made it successful due to timely support and efforts of all who helped me.

Once again thank you Sir/Ma'am to give me this project and to make me learn so many things .I have no more valuable words to express my thanks , but my heart is still full of favour received from every person.

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**A BRIEF OVERVIEW ON THE PROJECT**:

This Java project is a general-purpose, concurrent, class-based, object- oriented computer programming language that is specifically designed to have as few implementation dependencies as possible and it helps to learn how to define and call the function in code.

It is intended to let application developers "write once, run anywhere" (WORA), meaning that code that runs on one platform does not need to be recompiled to run on another and from doing this project we get know about class must allow the objects to cooperate during the execution.

# 2.ADVANTAGES AND CHALLENGES WHILE COMPLETING THE PROJECT

Advantages:

1. Modern industries are swamped with data and so, there is immense value in processing and analyzing the data to generate insights from it. Uncovering actionable insights provided enormous value to the project by stimulating creative ideas.
2. The data being used in the model can be collected from various sources and stored in variable formats can greatly impact the space requirements, cost and the performance of the project.
3. CSV files store data in a simple and easy to read manner, these can be opened using pretty much any piece of software, even plain text editors.

4. To build a successful project, you need to have a clear understanding of what you are asked to build and how you can utilize the data at hand in order to design a solid solution, which was indeed provided during these internship which helped us a lot.

Challenges:

1. when you are delving into data science, most of your time will be utilized in deriving value from data and using it to build machine learning and deep learning models.
2. There are several considerations that need to be taken into account when trying to determine the data format.
3. CSVs are simple in nature, hence simple to parse and split (just break on comma to convert to column). Although there is a significant potential for data loss or data corruption if the application receiving CSV input isn’t the same application that created it.
4. An important point to remember is that CSV is not a standardized format. This means that a file may be in the CSV format, but not necessarily will be read properly by the CSV parser used in your project.
5. A JSON file by default is larger and more flexible. So, it is more complicated to parse and split. JSON is loaded and parsed into memory and hence depending upon the size, can take up a lot of disk space.
6. CSV is easier to parse than JSON and is therefore potentially faster to write.

**SOFTWARE AND HARDWARE REQUIRMENTS FOR JAVA PROJECT :**

# Hardware Requirement for Java :

Minimum hardware requirement to download Java on your Windows operating system as follows:

* Minimum Windows 95 software
* IBM-compatible 486 system
* Hard Drive and Minimum of 8 MB memory
* A CD-ROM drive
* Mouse, keyboard and sound card

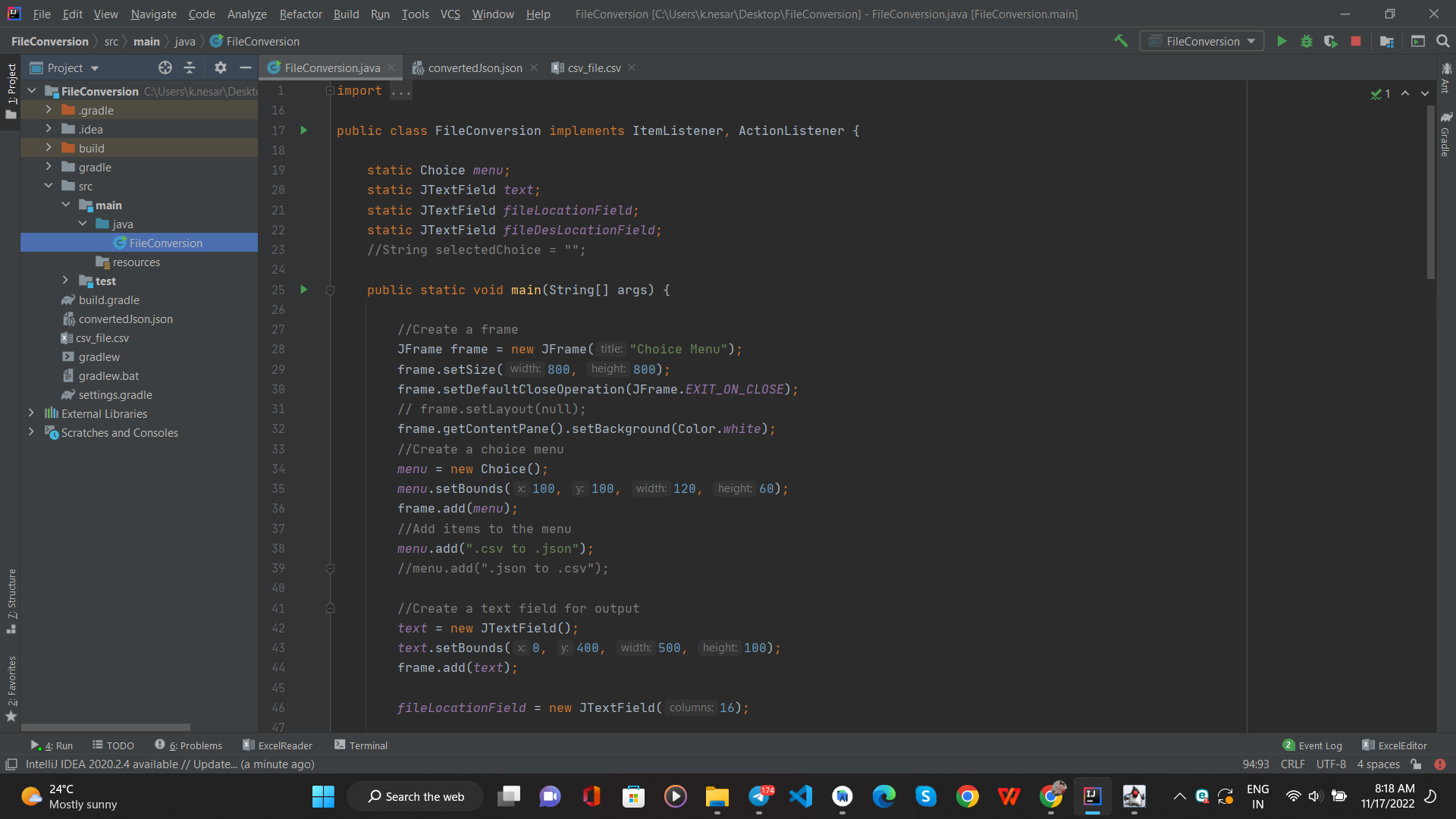
# Software requirement for Java :

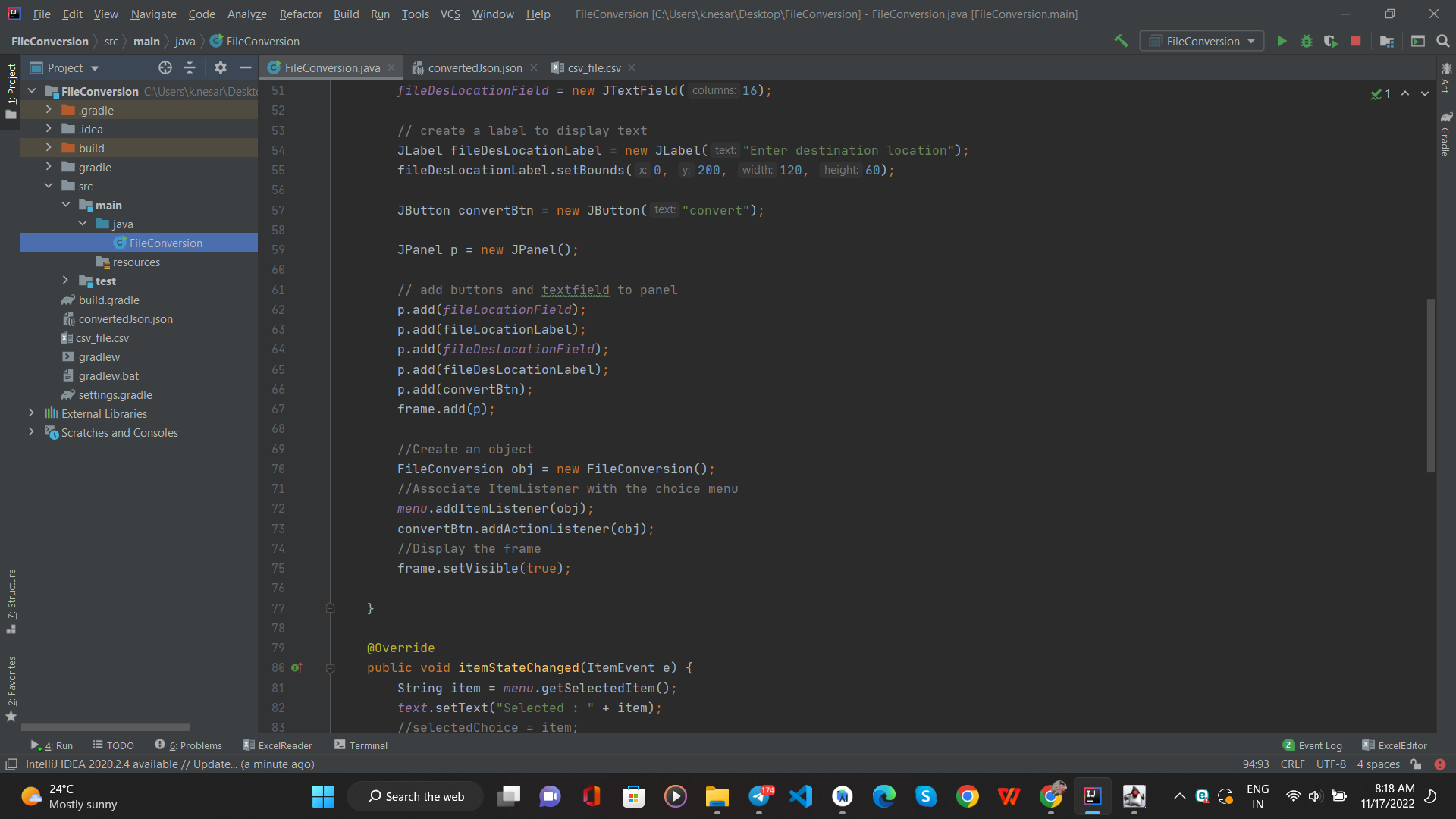
Nowadays, Java is supported by almost every operating systems. Whether it is a Windows, Macintosh and Unix all supports the Java application development. So you can download any of the operating system on your personal computer. Here are the minimum requirement.

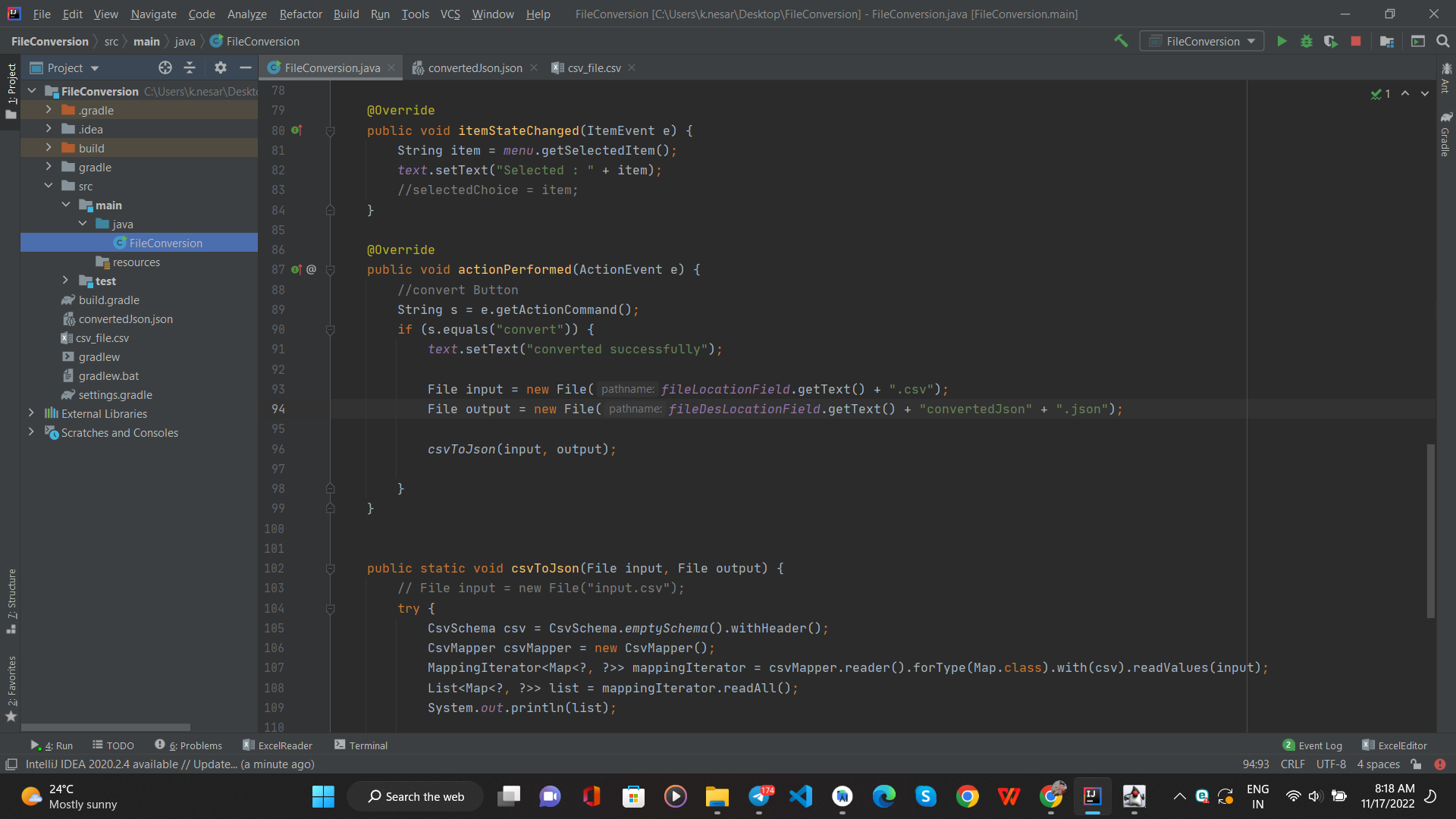
The software require for project includes package necessary to successfully compile and build the program.

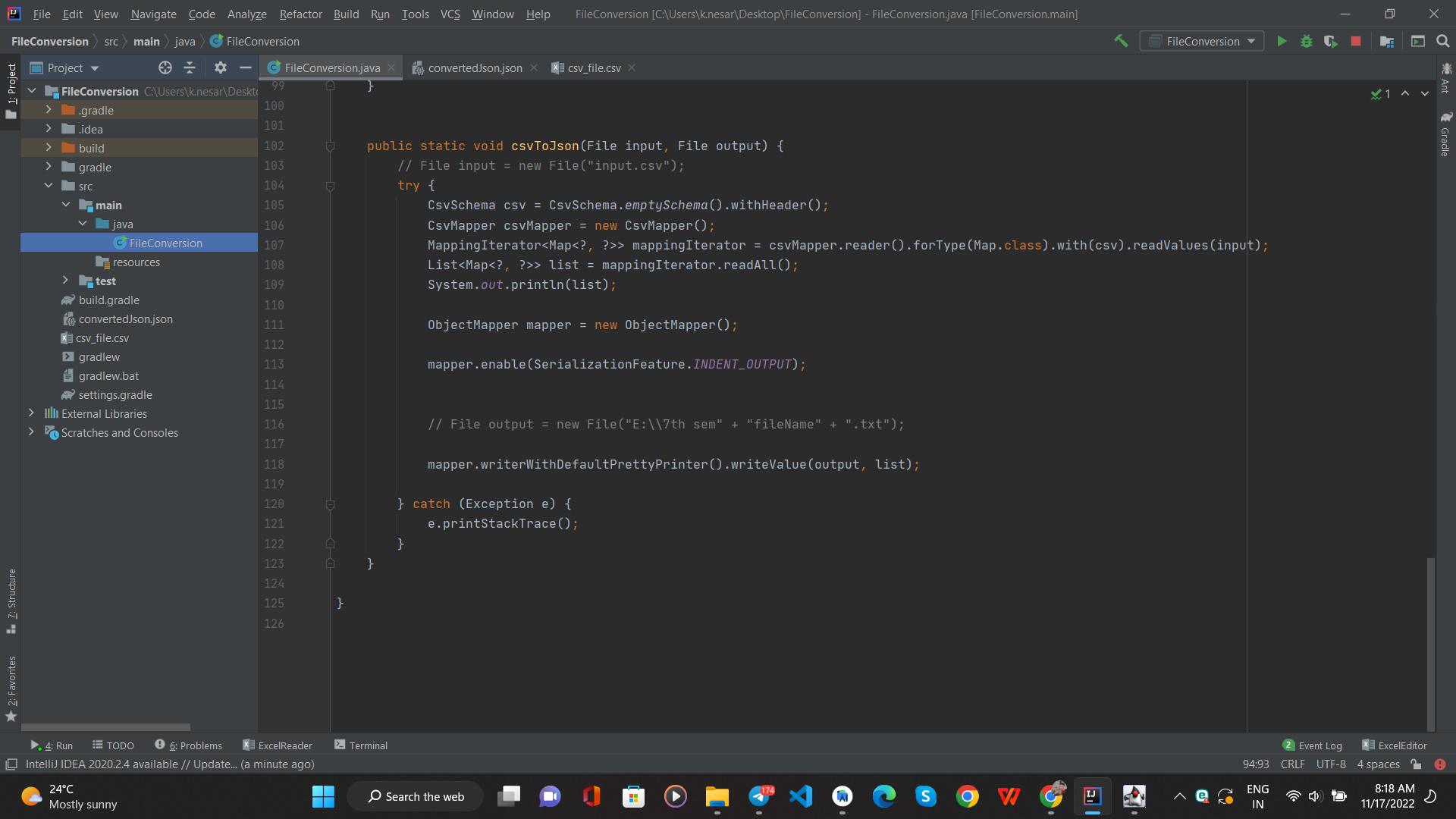
* Operating System
* Java SDK or JRE 1.6 or higher
* Java Servlet Container (Free Servlet Container available)
* Supported Database and library that supports the database connection with Java.

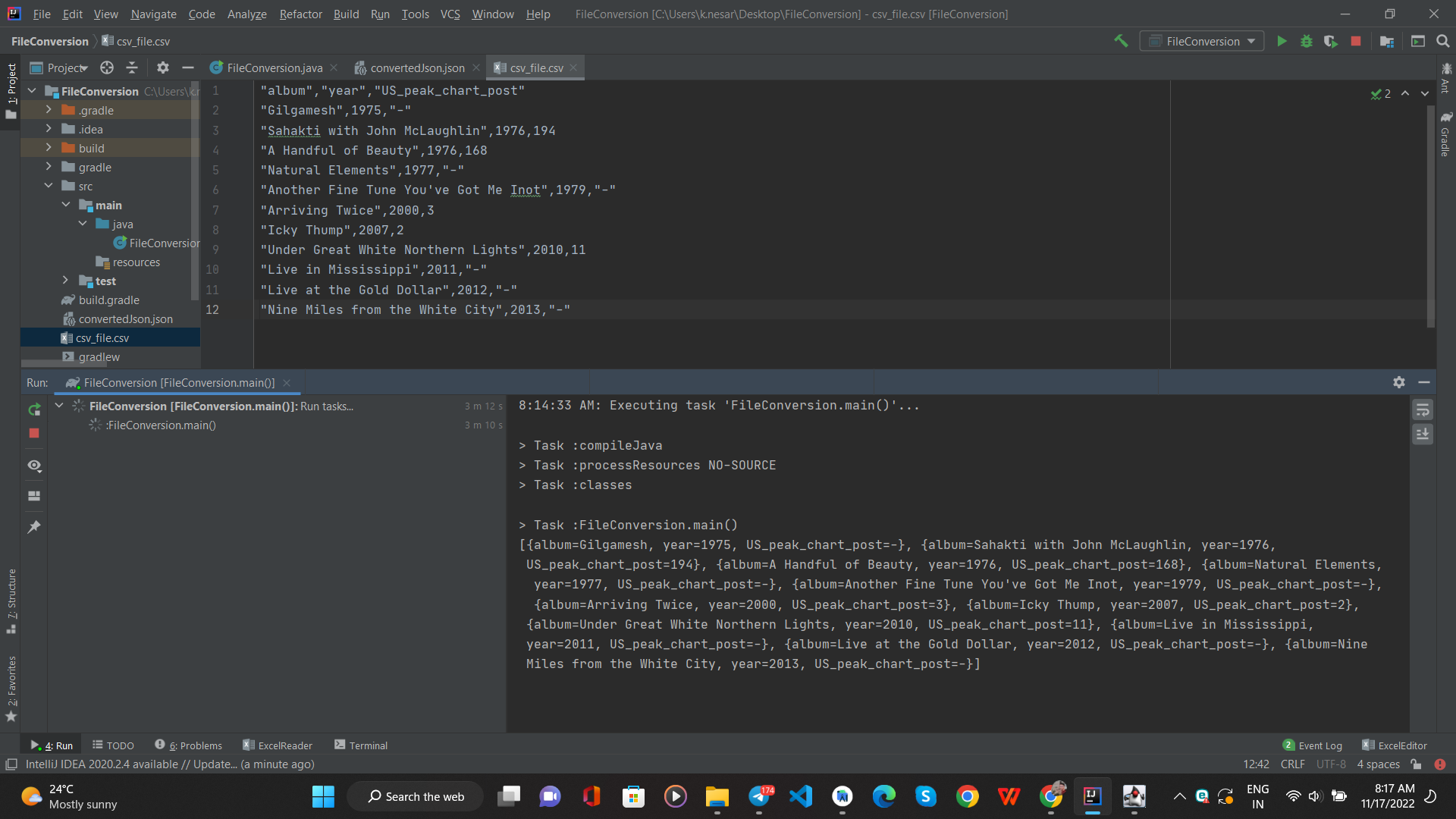
IMPLEMENTATION OF THE PROJECT with Screenshots:

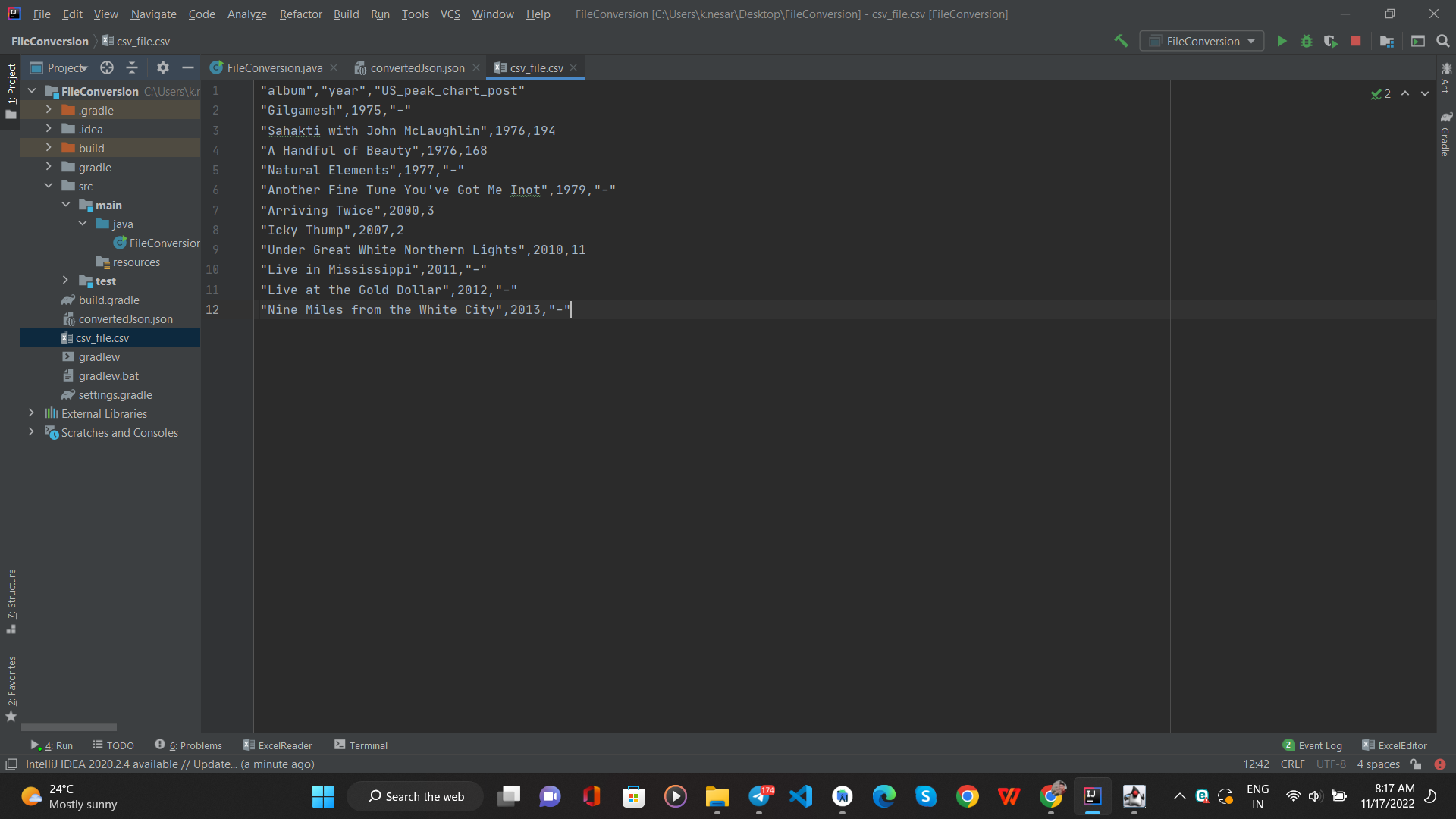


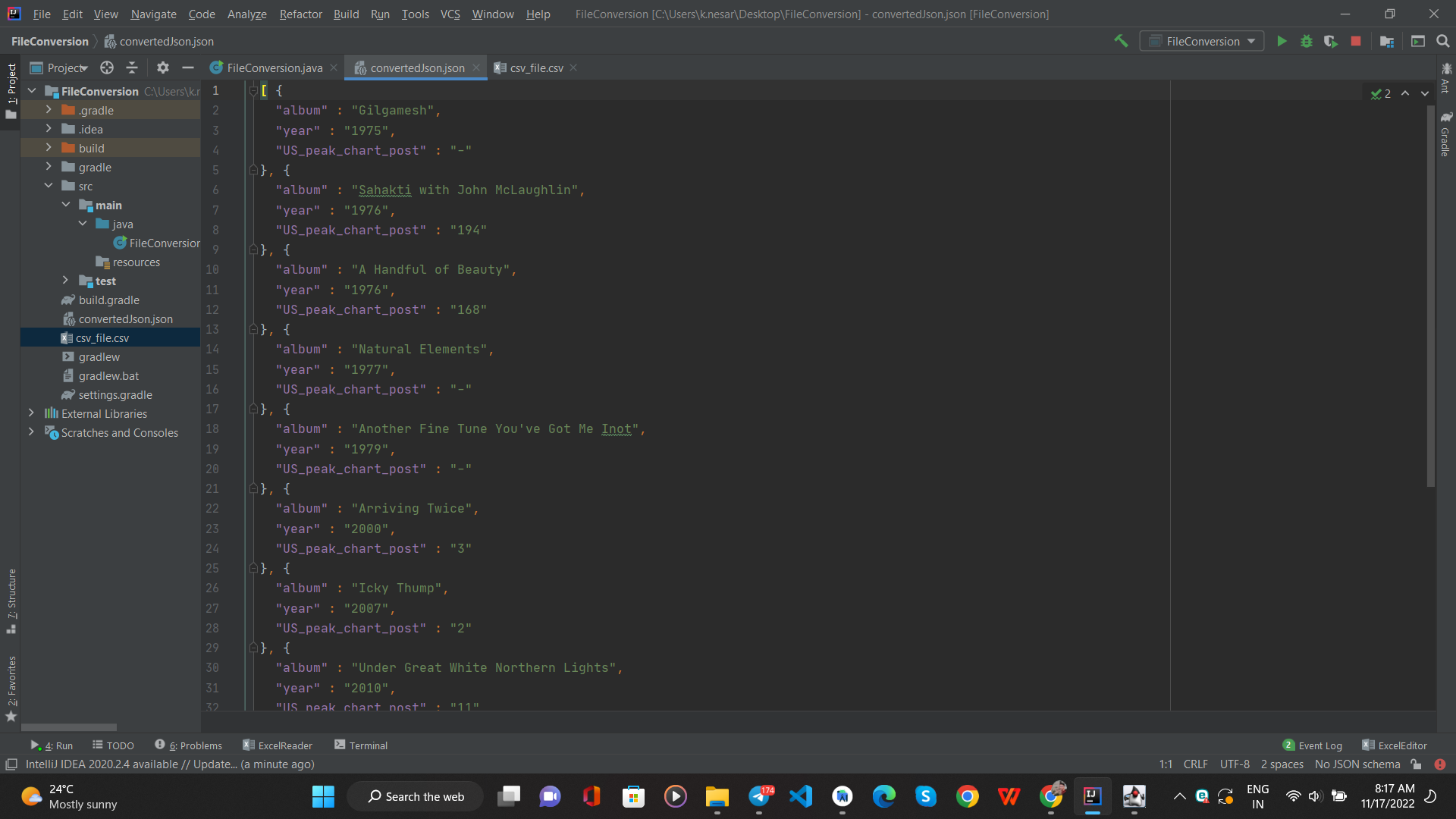


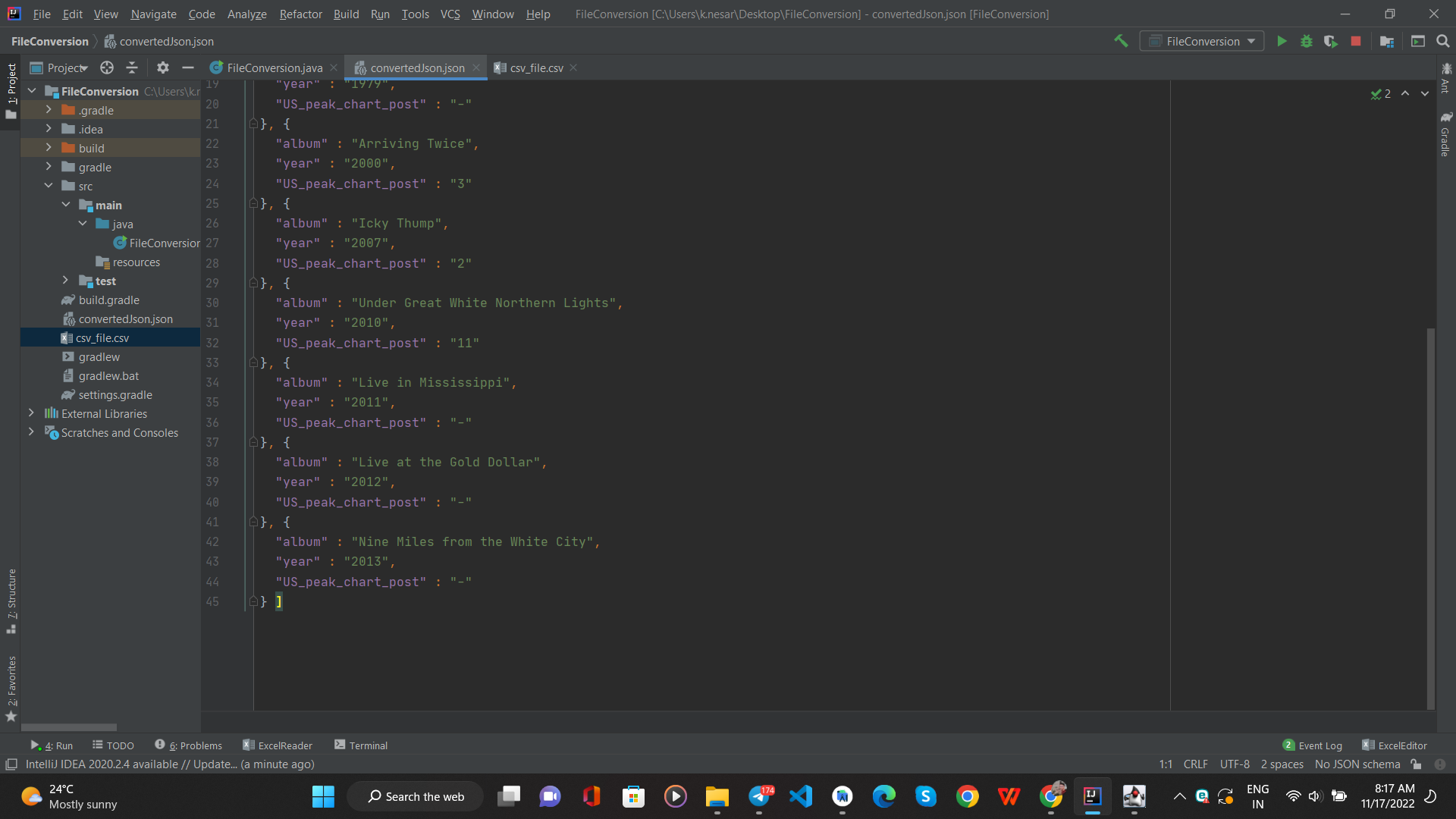












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# CONCLUSION:

Platforms that support java without recompilation.

As we all know, java is one of the most popular and in-demand programing languages to learn and it was one of the first languages to standardize high-level threading utilities.

Java project is a must for aspiring developers.

This project helps developers develop real-world projects to hone their skills and materialize their theoretical knowledge into practical experience.

Java has significant advantages both as a commercial language and also as a technical language.

Java project provides rigrous compile time error checking typically associated with pascal,allowing instructors to introduce students to GUI programming, networking,threads,and other important concepts used in moden day software.

Overall,the java project gives a complete design for the extended language.

It was great experience working for this project.!

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