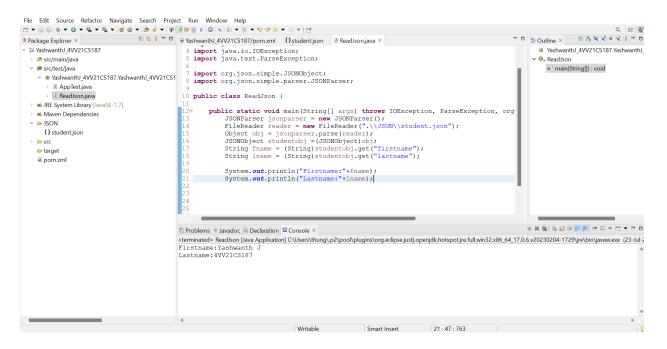**C1**. Create a maven projects with all dependencies required for the application in CI/CD pipeline.

Maven Dependency:

```
<!-- https://mvnrepository.com/artifact/com.googlecode.json-simple/json-simple -->
<dependency>
    <groupId>com.googlecode.json-simple</groupId>
    <artifactId>json-simple</artifactId>
    <version>1.1.1</version>
</dependency>
```

JSON data:

```
{"firstname":"Yashwanth J",

"lastname":"4VV21CS187"}
```

Java Program to read data from JSON file

```java
package YashwanthJ_4VV21CS187.YashwanthJ_4VV21CS187;

import java.io.FileReader;

import java.io.IOException;

import java.text.ParseException;

import org.json.simple.JSONObject;

import org.json.simple.parser.JSONParser;

public class ReadJson {

    public static void main(String[] args) throws IOException,
ParseException, org.json.simple.parser.ParseException{

        JSONParser jsonparser = new JSONParser();

        FileReader reader = new FileReader(".\\JSON\\student.json");

        Object obj = jsonparser.parse(reader);

        JSONObject studentobj =(JSONObject)obj;

        String fname = (String)studentobj.get("firstname");

        String lname = (String)studentobj.get("lastname");
```

```java
System.out.println("Firstname:"+fname);

System.out.println("Lastname:"+lname);


        }

}
```

Program output:

Configuration	Execution	Viva	Total	Verified By