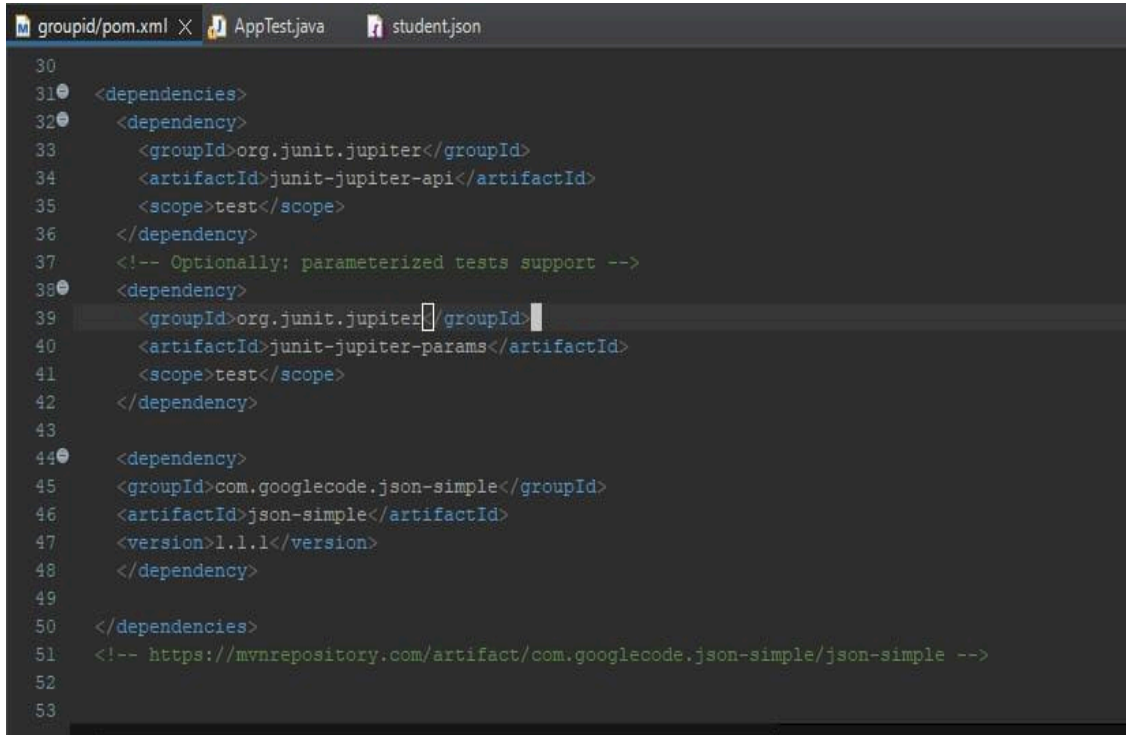


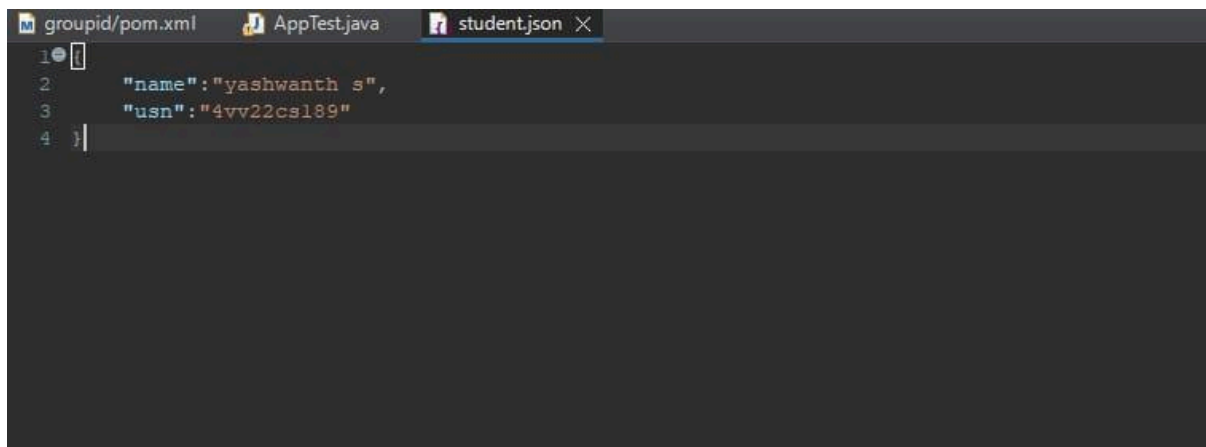
C1. Create a maven projects with all dependencies required for the application in CI/CD pipeline.

Maven Dependency



```
30
31 <dependencies>
32   <dependency>
33     <groupId>org.junit.jupiter</groupId>
34     <artifactId>junit-jupiter-api</artifactId>
35     <scope>test</scope>
36   </dependency>
37   <!-- Optionally: parameterized tests support -->
38   <dependency>
39     <groupId>org.junit.jupiter</groupId>
40     <artifactId>junit-jupiter-params</artifactId>
41     <scope>test</scope>
42   </dependency>
43
44   <dependency>
45     <groupId>com.googlecode.json-simple</groupId>
46     <artifactId>json-simple</artifactId>
47     <version>1.1.1</version>
48   </dependency>
49
50 </dependencies>
51 <!-- https://mvnrepository.com/artifact/com.googlecode.json-simple/json-simple -->
52
53
```

JSON data



```
1 {
2   "name": "yashwanth s",
3   "usn": "4vv22cs189"
4 }
```

Program output:

```

9  import java.io.FileReader;
10 import java.io.IOException;
11
12 import org.json.simple.JSONObject;
13 import org.json.simple.parser.JSONParser;
14 import org.json.simple.parser.ParseException;
15
16 public class AppTest {
17
18     public static void main(String[] args) throws FileNotFoundException, IOException, ParseException {
19         // TODO Auto-generated method stub
20         JSONParser jsonparser= new JSONParser();
21         FileReader reader=new FileReader(".\\JSON\\student.json");
22         Object obj =jsonparser.parse(reader);
23         JSONObject studentobj=(JSONObject)obj;
24         String usn=(String)studentobj.get("usn");
25         String name=(String)studentobj.get("name");
26
27         System.out.println("USN:"+usn);
28         System.out.println("name:"+name);
29     }
30 }
31
32
33

```

```

<terminated> AppTest [Java Application] C:\Users\student\.p2\pool\plugins\org.eclipse.j
USN:4vv22cs189
name:yashwanth s

```

Configuration	Execution	Viva	Total	Verified By