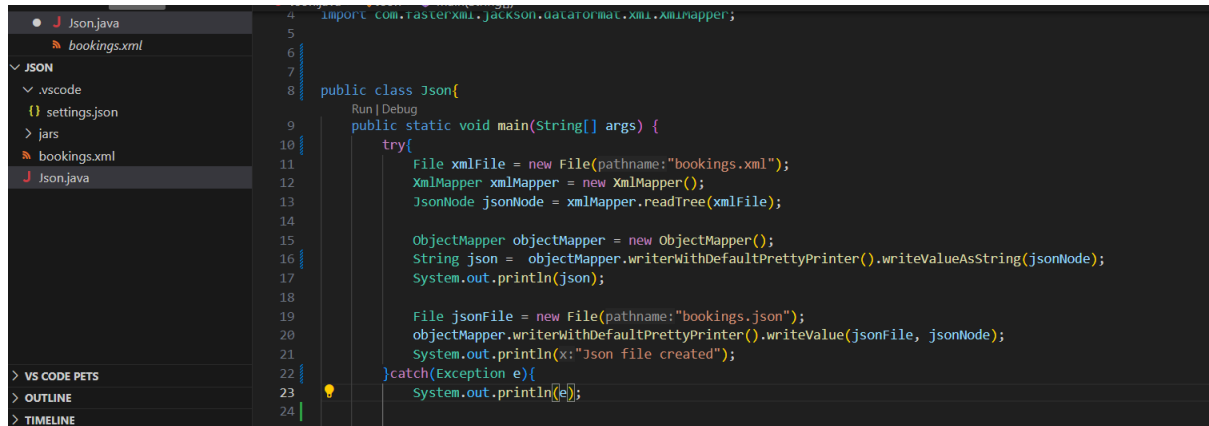


Actividad 11

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Acces a fitexer XML-JSON

1-Prueba que funciona

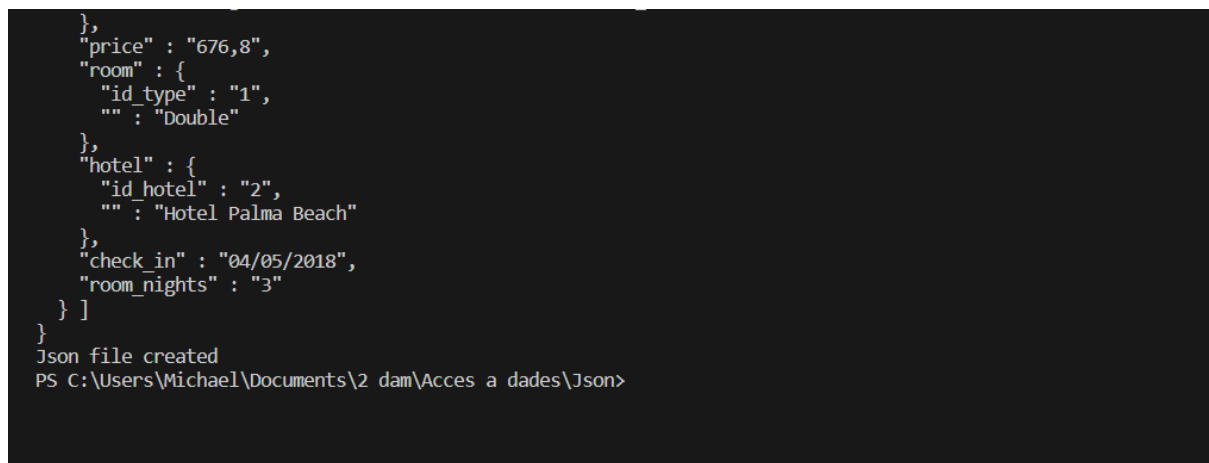


The screenshot shows the VS Code editor with the `Json.java` file open. The file is located in the `bookings.xml` folder. The code in `Json.java` is as follows:

```
1 import com.fasterxml.jackson.databind.xml.XmlMapper;
2
3
4 public class Json{
5
6     public static void main(String[] args) {
7
8         try{
9             File xmlFile = new File(pathname:"bookings.xml");
10            XmlMapper xmlMapper = new XmlMapper();
11            JsonNode jsonNode = xmlMapper.readTree(xmlFile);
12
13            ObjectMapper objectMapper = new ObjectMapper();
14            String json = objectMapper.writerWithDefaultPrettyPrinter().writeValueAsString(jsonNode);
15            System.out.println(json);
16
17            File jsonFile = new File(pathname:"bookings.json");
18            objectMapper.writerWithDefaultPrettyPrinter().writeValue(jsonFile, jsonNode);
19            System.out.println(x:"Json file created");
20        }catch(Exception e){
21            System.out.println(e);
22        }
23    }
24 }
```

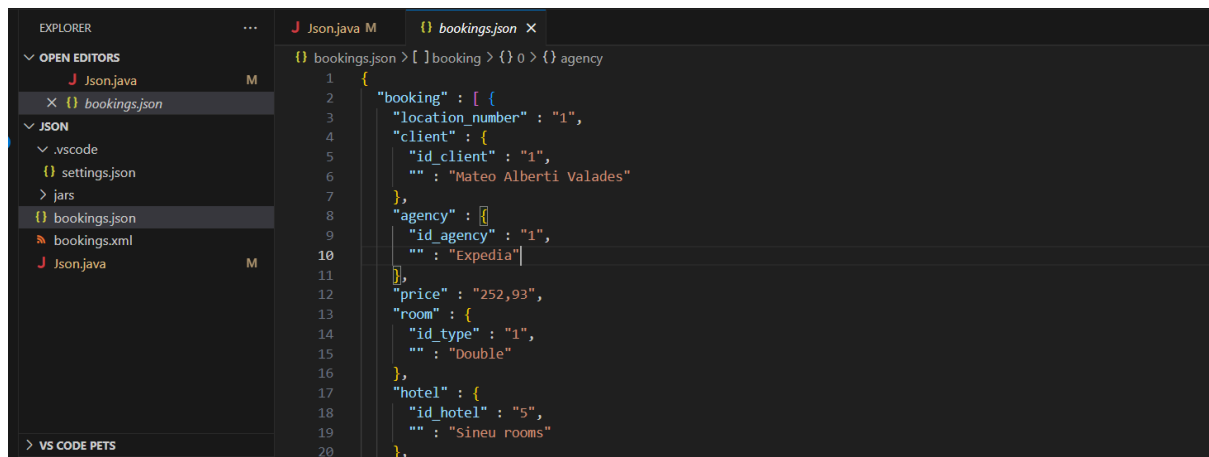
The output of the program is shown in the console:

```
Json file created
PS C:\Users\Michael\Documents\2 dam\Acces a dates\Json>
```



The screenshot shows the VS Code editor with the `bookings.json` file open. The file is located in the `bookings.xml` folder. The content of `bookings.json` is as follows:

```
{
  "price" : "676,8",
  "room" : {
    "id_type" : "1",
    "" : "Double"
  },
  "hotel" : {
    "id_hotel" : "2",
    "" : "Hotel Palma Beach"
  },
  "check_in" : "04/05/2018",
  "room_nights" : "3"
}
```



The screenshot shows the VS Code editor with the `bookings.json` file open. The file is located in the `bookings.xml` folder. The content of `bookings.json` is as follows:

```
{
  "booking" : [ {
    "location_number" : "1",
    "client" : {
      "id_client" : "1",
      "" : "Mateo Alberti Valades"
    },
    "agency" : [ {
      "id_agency" : "1",
      "" : "Expedia"
    } ],
    "price" : "252,93",
    "room" : {
      "id_type" : "1",
      "" : "Double"
    },
    "hotel" : {
      "id_hotel" : "5",
      "" : "Sineu rooms"
    }
  } ],
}
```

2-Prueba que no funciona

Le ponemos al xml un archivo q no existe

```
public class Json{
    Run | Debug
    public static void main(String[] args) {
        try{
            File xmlFile = new File(pathname:"noExiste.xml");
            XmlMapper xmlMapper = new XmlMapper();
            JsonNode jsonNode = xmlMapper.readTree(xmlFile);

            ObjectMapper objectMapper = new ObjectMapper();
            String json = objectMapper.writerWithDefaultPrettyPrinter().writeValueAsString(jsonNode);
            System.out.println(json);

            File jsonFile = new File(pathname:"bookings.json");
            objectMapper.writerWithDefaultPrettyPrinter().writeValue(jsonFile, jsonNode);
            System.out.println(x:"Json file created");
        }catch(NullPointerException e){
            System.out.println(x:"No existe el archivo");
        }catch(Exception e){
            System.out.println(e);
        }
    }
}
```

```
PS C:\Users\Michael\Documents\2 dam\Acces a dades\Json> c:: cd 'c:\Users\Michael\Documents\2 dam\Acces a dades\Json'; & 'C:\Program Files\Java\jdk-19\bin\java.exe' '@C:\Users\Michael\AppData\Local\Temp\cp_cdbg9kpihiydarxmkg9m2n0k2.argfile' 'Json'
No existe el archivo
PS C:\Users\Michael\Documents\2 dam\Acces a dades\Json>
```

Bibliografía

[FasterXML/jackson: Main Portal page for the Jackson project \(github.com\)](#)