Création d'un document XML

Objectifs

```java
1  package com;
2
3  import javax.xml.parsers.DocumentBuilder;
4  import javax.xml.parsers.DocumentBuilderFactory;
5  import javax.xml.transform.Result;
6  import javax.xml.transform.Source;
7  import javax.xml.transform.Transformer;
8  import javax.xml.transform.TransformerFactory;
9  import javax.xml.transform.dom.DOMSource;
10 import javax.xml.transform.stream.StreamResult;
11
12 import org.w3c.dom.Comment;
13 import org.w3c.dom.Document;
14 import org.w3c.dom.Element;
15
16 public class CreateDom {
17     public static void main(String[] args) {
18         try {
19             // Create instance of DocumentBuilderFactory
20             DocumentBuilderFactory factory = DocumentBuilderFactory.newInstance();
21
22             // Get the DocumentBuilder
23             DocumentBuilder docBuilder = factory.newDocumentBuilder();
24
25             // Create blank DOM Document
26             Document doc = docBuilder.newDocument();
27
28         // create the root element
29         Element root = doc.createElement("root");
30
31         // all it to the xml tree
32         doc.appendChild(root);
33
34         // create a comment
35         Comment comment = doc.createComment("This is comment");
36
37         // add in the root element
38         root.appendChild(comment);
39
40         // create child element
41         Element childElement = doc.createElement("Child");
42         Element childElement1 = doc.createElement("nom");
43
44         // Add the atribute to the child
45         childElement.setAttribute("attribute1", "The value of Attribute 1");
46         childElement1.setTextContent("Toto");
47         root.appendChild(childElement);
48         root.appendChild(childElement1);
49
50         TransformerFactory tranFactory = TransformerFactory.newInstance();
51         Transformer aTransformer = tranFactory.newTransformer();
52
53         Source src = new DOMSource(doc);
54         Result dest = new StreamResult(System.out);
55         aTransformer.transform(src, dest);
56
57         } catch (Exception e) {
58             System.out.println(e.getMessage());
59         }
60     }
61 }
```