Universidad FASTA Sistemas de Información II

Programación orientada a objetos con JAVA

```
package si2;
import javax.xml.transform.OutputKeys;
import javax.xml.transform.Result;
import javax.xml.transform.Source;
import javax.xml.transform.Transformer;
import javax.xml.transform.TransformerFactory;
import javax.xml.transform.dom.DOMSource;
import javax.xml.transform.stream.StreamResult;
import javax.xml.xpath.*;
import org.w3c.dom.*;
public class SI2 {
    public static void main(String[] args) {
   SI2 si2 = new SI2();
   si2.agregarUsuario("usuario", "contraseña");
   si2.listarUsuarios();
    public void listarUsuarios() {
         try {
    Document document
     org.w3c.dom.NodeList usuarios = (org.w3c.dom.NodeList)
xPath.evaluate("/users/user", document.getDocumentElement(), XPathConstants.NODESET);
    for (int i = 0; i < usuarios.getLength(); i++) {</pre>
     //System.out.println(usuarios.item(i).getAttributes().getNamedItem("username").getNodeV
     } catch (Exception e)
              e.printStackTrace();
     public void agregarUsuario(String username, String password) {
         try {
              Document document =
     javax.xml.parsers.DocumentBuilderFactory.newInstance().newDocumentBuilder().parse(new
java.io.File("C:/users.xml"));
              Element users = document.getDocumentElement();
              Element user = document.createElement("user");
              Attr attrUsername = document.createAttribute("username");
              attrUsername.setNodeValue(username);
              user.getAttributes().setNamedItem(attrUsername);
              Attr attrPassword = document.createAttribute("password");
              attrPassword.setNodeValue(password);
user.getAttributes().setNamedItem(attrPassword);
              users.appendChild(user);
              Source source = new DOMSource(document);
              Result result = new StreamResult(new java.io.File("C:/users.xml"));
              Transformer transformer = TransformerFactory.newInstance().newTransformer();
transformer.setParameter(OutputKeys.INDENT, "yes");
              transformer.transform(source, result);
         } catch (Exception e)
              e.printStackTrace();
}
```