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
    //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();
}
```