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import java.io.*;
import java.util.*;

import javax.xml.parsers.DocumentBuilderFactory;
import javax.xml.parsers.DocumentBuilder;
import org.w3c.dom.Document;
import org.w3c.dom.NodeList;
import org.w3c.dom.Node;
import org.w3c.dom.Element;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.Statement;

public class XMLdb {
    public static void main(String[] args) throws Exception {
        Class.forName("com.mysql.jdbc.Driver");
        Connection con = (Connection)
DriverManager.getConnection("jdbc:mysql://localhost:3306/student_profile", "root",
        "siddharth");
        Statement stmt = con.createStatement();

        DocumentBuilderFactory docBuilderFactory =
DocumentBuilderFactory.newInstance();
        DocumentBuilder docBuilder = docBuilderFactory.newDocumentBuilder();
        Document doc = docBuilder.parse(new File("src/xmldata.xml"));
        doc.getDocumentElement().normalize();
        NodeList listOfPersons = doc.getElementsByTagName("student");

        for (int s = 0; s < listOfPersons.getLength(); s++) {
            Node firstPersonNode = listOfPersons.item(s);

            if (firstPersonNode.getNodeType() == Node.ELEMENT_NODE) {
                Element firstPersonElement = (Element) firstPersonNode;
                NodeList nameList =
firstPersonElement.getElementsByTagName("firstname");
                Element nameElement = (Element) nameList.item(0);

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        NodeList textFNList = nameElement.getChildNodes();
        String name = ((Node) textFNList.item(0)).getNodeValue().trim();
        NodeList subjectList =
firstPersonElement.getElementsByTagName("subject");
        Element subjectElement = (Element) subjectList.item(0);
        NodeList textLNList = subjectElement.getChildNodes();
        String subject = ((Node) textLNList.item(0)).getNodeValue().trim();

        String query = "insert into records values('" + name + "','" + subject
+ "')";

        if (stmt.executeUpdate(query) == 1) {
            System.out.println("Successful Execution");
        } else {
            System.out.println("Execution Failed");
        }
    }
}

con.close();

}
}

```