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```
package com.tutorialspoint.xml;

import java.io.FileNotFoundException;
import java.io.FileReader;
import java.util.Iterator;

import javax.xml.stream.XMLStreamReader;
import javax.xml.stream.XMLInputFactory;
import javax.xml.stream.XMLStreamConstants;
import javax.xml.stream.XMLStreamException;
import javax.xml.stream.events.Attribute;
import javax.xml.stream.events.Characters;
import javax.xml.stream.events.EndElement;
import javax.xml.stream.events.StartElement;
import javax.xml.stream.events.XMLEvent;

public class StAXQueryDemo {
    public static void main(String[] args) {
        boolean bFirstName = false;
        boolean bLastName = false;
        boolean bNickName = false;
        boolean bMarks = false;
        boolean isRequestRollNo = false;
        try {
            XMLInputFactory factory = XMLInputFactory.newInstance();
            XMLStreamReader eventReader =
                factory.createXMLStreamReader(
                    new FileReader("input.txt"));

            String requestedRollNo = "393";
            while(eventReader.hasNext()){
                XMLEvent event = eventReader.nextEvent();
                switch(event.getEventType()){
                    case XMLStreamConstants.START_ELEMENT:

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        StartElement startElement = event.asStartElement();
        String qName = startElement.getName().getLocalPart();
        if (qName.equalsIgnoreCase("student")) {
            Iterator<Attribute> attributes = startElement.getAttributes();
            String rollNo = attributes.next().getValue();
            if(rollNo.equalsIgnoreCase(requestedRollNo)){
                System.out.println("Start Element : student");
                System.out.println("Roll No : " + rollNo);
                isRequestRollNo = true;
            }
        } else if (qName.equalsIgnoreCase("firstname")) {
            bFirstName = true;
        } else if (qName.equalsIgnoreCase("lastname")) {
            bLastName = true;
        } else if (qName.equalsIgnoreCase("nickname")) {
            bNickName = true;
        }
        else if (qName.equalsIgnoreCase("marks")) {
            bMarks = true;
        }
        break;
    case XMLStreamConstants.CHARACTERS:
        Characters characters = event.asCharacters();
        if(bFirstName && isRequestRollNo){
            System.out.println("First Name: "
                + characters.getData());
            bFirstName = false;
        }
        if(bLastName && isRequestRollNo){
            System.out.println("Last Name: "
                + characters.getData());
            bLastName = false;
        }
        if(bNickName && isRequestRollNo){
            System.out.println("Nick Name: "
                + characters.getData());
            bNickName = false;
        }
        if(bMarks && isRequestRollNo){
            System.out.println("Marks: "
                + characters.getData());
            bMarks = false;
        }
        break;
    case XMLStreamConstants.END_ELEMENT:
        EndElement endElement = event.asEndElement();
        if(endElement.getName().getLocalPart().equalsIgnoreCase("student") &&
isRequestRollNo){
            System.out.println("End Element : student");
            System.out.println();
            isRequestRollNo = false;
        }
        break;
    }
}
} catch (FileNotFoundException e) {
    e.printStackTrace();
} catch (XMLStreamException e) {
    e.printStackTrace();
}
}
}

```

This would produce the following result:

```

Start Element : student
Roll No : 393
First Name: dinkar
Last Name: kad

```

Nick Name: dinkar
Marks: 85
End Element : student