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In this tutorials we going to see how to create the XML document using DOM parser
1. Create Project Called **JavaXML**.
2. Create package called **com.javatutorialscorner.xml.dom** under **JavaXML**.
3. Create Java class called **CreateXMLFile.java** under **com.javatutorialscorner.xml.dom** package.
CreateXMLFile.java

```java
package com.javatutorialscorner.xml.dom;

import java.io.File;

import javax.xml.parsers.DocumentBuilder;
import javax.xml.parsers.DocumentBuilderFactory;
import javax.xml.parsers.ParserConfigurationException;
import javax.xml.transform.Transformer;
import javax.xml.transform.TransformerConfigurationException;
import javax.xml.transform.TransformerException;
import javax.xml.transform.TransformerFactory;
import javax.xml.transform.dom.DOMSource;
import javax.xml.transform.stream.StreamResult;

import org.w3c.dom.Attr;
import org.w3c.dom.Document;
import org.w3c.dom.Element;

public class CreateXMLFile {

 /**
  * @param args
  */
 public static void main(String[] args) {
  // TODO Auto-generated method stub

  try {
   DocumentBuilderFactory builderFactory = DocumentBuilderFactory
     .newInstance();
   DocumentBuilder builder = builderFactory.newDocumentBuilder();
   Document document = builder.newDocument();

   Element root = document.createElement("college");
   document.appendChild(root);

   Element student = document.createElement("student");
   root.appendChild(student);

   Attr attr = document.createAttribute("id");
   attr.setValue("ECE-01");
   student.setAttributeNode(attr);

   Element firsrName = document.createElement("firstname");
   firsrName.appendChild(document.createTextNode("Sathish"));
   student.appendChild(firsrName);

   Element lastName = document.createElement("lastname");
   lastName.appendChild(document.createTextNode("J"));
   student.appendChild(lastName);

   TransformerFactory factory = TransformerFactory.newInstance();
   Transformer transformer = factory.newTransformer();
   DOMSource domSource = new DOMSource(document);
   StreamResult streamResult = new StreamResult(new File(
     "C:\jtc\student.xml"));
   transformer.transform(domSource, streamResult);

  } catch (ParserConfigurationException e) {
   // TODO Auto-generated catch block
   e.printStackTrace();
  } catch (TransformerConfigurationException e) {
   // TODO Auto-generated catch block
   e.printStackTrace();
  } catch (TransformerException e) {
   // TODO Auto-generated catch block
   e.printStackTrace();
  }

 }

}
```

Now you can run the program see the XML file created at specified location.

student.xml

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<college>
<student id="ECE-01">
<firstname>Sathish</firstname>
<lastname>J</lastname>
</student>
</college>
```

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