**XML Digital Signature**

Link : <https://www.c-sharpcorner.com/UploadFile/5fd9bd/xml-digital-signature-in-java/>

<https://www.oracle.com/technical-resources/articles/java/dig-signature-api.html>

<https://stackoverflow.com/questions/37743315/issue-in-generating-private-key>

The XML tag <Signature> basically contains 3 children tags. It can be viewed as:

1. <Signature>
2. <SignedInfo></SignedInfo>
3. <SignatureValue></SignatureValue>
4. <KeyInfo></KeyInfo>
5. </Signature>

In order to create an **XML Digital Signature**, use the following procedure:

1. Generate a pair of Keys called Private Key and Pubic Key.
2. Obtain the original XML document.
3. Sign the original XML document using both Private and Public key by Java API and generate another document that has a XML Digital Signature.