

# Experiment 4: Xml

**Aim:** To write an xml file that can display information

## Tags Used:

<note>

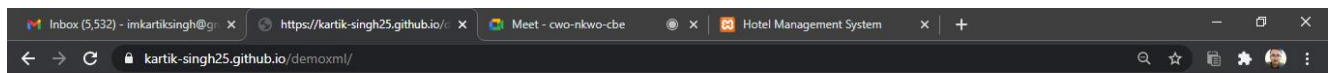
<art>

<head>

<foot>

## Implementation:

## Output:



Below is an example of XML.

## Semantic Tags

<article> ->The element specifies independent, self-contained content.An article should make sense on its own, and it should be possible to distribute it independently from the rest of the web site.

<details> ->Defines additional details that the user can view or hide

<aside> -> The element defines some content aside from the content it is placed in (like a sidebar).The content should be indirectly related to the surrounding content.

<figure> -> The tag specifies self-contained content, like illustrations, diagrams, photos, code listings, etc.

<footer> -> The element defines a footer for a document or section.

<header> -> The element represents a container for introductory content or a set of navigational links.

<main> -> The content inside the element should be unique to the document. It should not contain any content that is repeated across documents such as sidebars, navigation links, copyright information, site logos, and search forms.



## Code:

### Demo.xml

```
<?xml
version="1.0"
encoding="UTF-
8"?>
```

```
<note>
```

```
<art>The element specifies independent, self-contained content.An
article should make sense on its own, and it should be possible to
```

```
<b>&lt;aside&gt;&nbsp;&nbsp;&nbsp;&-> </b><span id="asi"></span><br>
```

```
<b>&lt;figure&gt;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&-> </b><span id="fig"></span><br>  
<b>&lt;footer&gt;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&-> </b><span id="foot"></span><br>  
<b>&lt;header&gt;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&-> </b><span id="head"></span><br>  
<b>&lt;main&gt;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&-> </b><span id="ma"></span><br>  
</div>  
<script>  
    if (window.XMLHttpRequest) {  
        xmlhttp = new XMLHttpRequest();  
    }  
    else {  
        xmlhttp = new ActiveXObject("Microsoft.XMLHTTP");  
    }  
    xmlhttp.onreadystatechange = function () {  
        if (this.readyState == 4 && this.status == 200) {  
            xmlDoc = xmlhttp.responseXML;  
            document.getElementById("art").innerHTML =  
xmlDoc.getElementsByTagName("art")[0].childNodes[0].nodeValue;  
            document.getElementById("det").innerHTML =  
xmlDoc.getElementsByTagName("det")[0].childNodes[0].nodeValue;  
            document.getElementById("asi").innerHTML =  
xmlDoc.getElementsByTagName("asi")[0].childNodes[0].nodeValue;  
            document.getElementById("fig").innerHTML =  
xmlDoc.getElementsByTagName("fig")[0].childNodes[0].nodeValue;  
            document.getElementById("foot").innerHTML =  
xmlDoc.getElementsByTagName("foot")[0].childNodes[0].nodeValue;  
            document.getElementById("head").innerHTML =  
xmlDoc.getElementsByTagName("head")[0].childNodes[0].nodeValue;  
            document.getElementById("ma").innerHTML =  
xmlDoc.getElementsByTagName("ma")[0].childNodes[0].nodeValue;  
  
        }  
    };  
    xmlhttp.open("GET", "demo.xml", true);  
    xmlhttp.send();  
</script>  
</body>
```

</html>

**Result:**The experiment was successfully completed.