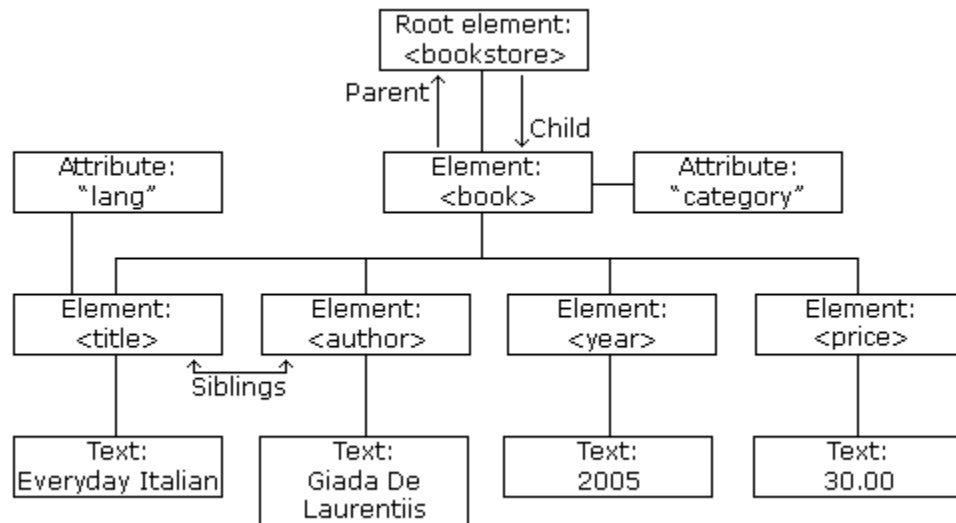


Group Assignment - 3



1. Using the above diagram and write bookstore data using XML code (20 Marks)
2. What is the output of the following code segment? (40 Marks)

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<script>
```

```
if (window.XMLHttpRequest)
```

```
{
```

```
    xmlhttp=new XMLHttpRequest();
```

```
}
```

```
else
```

```
{
```

```
    xmlhttp=new ActiveXObject("Microsoft.XMLHTTP");
```

```
}
```

```
xmlhttp.open("GET","cd_catalog.xml",false);
```

```
xmlhttp.send();
```

```
xmlDoc=xmlhttp.responseXML;
```

```

x=xmlDoc.getElementsByTagName("CD");

i=0;

function displayCD()

{

artist=(x[i].getElementsByTagName("ARTIST")[0].childNodes[0].nodeValue);

title=(x[i].getElementsByTagName("TITLE")[0].childNodes[0].nodeValue);

year=(x[i].getElementsByTagName("YEAR")[0].childNodes[0].nodeValue);

txt="Artist: " + artist + "<br>Title: " + title + "<br>Year: " + year;

document.getElementById("showCD").innerHTML=txt;

}

</script>

</head>

<body onload="displayCD()">

<div id='showCD'></div>

</body>

</html>

```

3. What is the output of the following code segment?

(40 Marks)

```

<!DOCTYPE html>

<html>

<head>

<script>

if (window.XMLHttpRequest)

    {
    // code for IE7+, Firefox, Chrome, Opera, Safari

    xmlhttp=new XMLHttpRequest();

    }

else

    {
    // code for IE6, IE5

    xmlhttp=new ActiveXObject("Microsoft.XMLHTTP");

    }

xmlhttp.open("GET","cd_catalog.xml",false);

```

```
xmlhttp.send();

xmlDoc=xmlhttp.responseXML;

x=xmlDoc.getElementsByTagName("CD");

i=0;

function displayCD()

{

artist=(x[i].getElementsByTagName("ARTIST")[0].childNodes[0].nodeValue);

title=(x[i].getElementsByTagName("TITLE")[0].childNodes[0].nodeValue);

year=(x[i].getElementsByTagName("YEAR")[0].childNodes[0].nodeValue);

txt="Artist: " + artist + "<br>Title: " + title + "<br>Year: "+ year;

document.getElementById("showCD").innerHTML=txt;

}

function next()

{

if (i<x.length-1)

{

i++;

displayCD();

}

}

function previous()

{

if (i>0)

{

i--;

displayCD();

}

}

</script>
```

```
</head>

<body onload="displayCD()">

<div id='showCD'></div><br>

<input type="button" onclick="previous()" value="<<" />

<input type="button" onclick="next()" value=">>" />

</body>

</html>
```