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Write an xsl program to display contents in table, sort the artist, Filtering the artist=Bob Dylan for given xml document

File name: cd1.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<?xml-stylesheet type="text/xsl" href="cd1.xsl"?>
<catalog>
<cd>
<title>Empire Burlesque</title>
<artist>Bob Dylan</artist>
<country>USA</country>
<company>Columbia</company>
<price>10.90</price>
<year>1985</year>
</cd>
<cd>
<title>Hide your heart</title>
<artist>Bob Dylan</artist>
<country>UK</country>
<company>CBS Records</company>
<price>9.90</price>
<year>1988</year>
</cd>
<cd>
<title>Greatest Hits</title>
<artist>Dolly Parton</artist>
<country>USA</country>
<company>RCA</company>
<price>9.90</price>
<year>1982</year>
</cd>
<cd>
```

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<title>Still got the blues</title>
<artist>Gary Moore</artist>
<country>UK</country>
<company>Virgin records</company>
<price>10.20</price>
<year>1990</year>
</cd>

<cd>
<title>Eros</title>
<artist>Eros Ramazzotti</artist>
<country>EU</country>
<company>BMG</company>
<price>9.90</price>
<year>1997</year>
</cd>

<cd>
<title>One night only</title>
<artist>Bee Gees</artist>
<country>UK</country>
<company>Polydor</company>
<price>10.90</price>
<year>1998</year>
</cd>

<cd>
<title>Sylvias Mother</title>
<artist>Dr.Hook</artist>
<country>UK</country>
<company>CBS</company>
<price>8.10</price>
<year>1973</year>
</cd>

<cd>
<title>Maggie May</title>
<artist>Rod Stewart</artist>

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```
<country>UK</country>
<company>Pickwick</company>
<price>8.50</price>
<year>1990</year>
</cd>
<cd>
<title>Romanza</title>
<artist>Andrea Bocelli</artist>
<country>EU</country>
<company>Polydor</company>
<price>10.80</price>
<year>1996</year>
</cd>
<cd>
<title>Tupelo Honey</title>
<artist>Van Morrison</artist>
<country>UK</country>
<company>Polydor</company>
<price>8.20</price>
<year>1971</year>
</cd>
<cd>
<title>Pavarotti Gala Concert</title>
<artist>Luciano Pavarotti</artist>
<country>UK</country>
<company>DECCA</company>
<price>9.90</price>
<year>1991</year>
</cd>
<cd>
<title>The dock of the bay</title>
<artist>Otis Redding</artist>
<country>USA</country>
<company>Stax Records</company>
```

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<price>7.90</price>

<year>1968</year>

</cd>

<cd>

<title>Picture book</title>

<artist>Simply Red</artist>

<country>EU</country>

<company>Elektra</company>

<price>7.20</price>

<year>1985</year>

</cd>

<cd>

<title>Red</title>

<artist>The Communards</artist>

<country>UK</country>

<company>London</company>

<price>7.80</price>

<year>1987</year>

</cd>

<cd>

<title>Unchain my heart</title>

<artist>Joe Cocker</artist>

<country>USA</country>

<company>EMI</company>

<price>8.20</price>

<year>1987</year>

</cd>

</catalog>

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File name: cd1.xsl

<!--Display contents in Table,sort the artist,Filtering the
artist=Bob Dylan

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

-->

<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">

<xsl:template match="/">

<html>

<body>

<h2>My CD Collection</h2>

<table border="1">

<tr bgcolor="#9acd32">

<th style="text-align:left">Title</th>

<th style="text-align:left">Artist</th>

</tr>

<xsl:for-each select="catalog/cd">

<xsl:sort select="artist"/>

<tr>

<td><xsl:value-of select="title"/></td>

<td><xsl:value-of select="artist"/></td>

</tr>

</xsl:for-each>

</table>

<h2>Filtering the Output</h2>

<table border="1" width="25%">

<tr>

<th>Title</th>

<th>Artist</th>

</tr>

<xsl:for-each select="catalog/cd[artist='Bob Dylan']">

<tr>

<td><xsl:value-of select="title"/></td>

<td><xsl:value-of select="artist"/></td>

</tr>

</xsl:for-each>

</table>

</body>

</html>

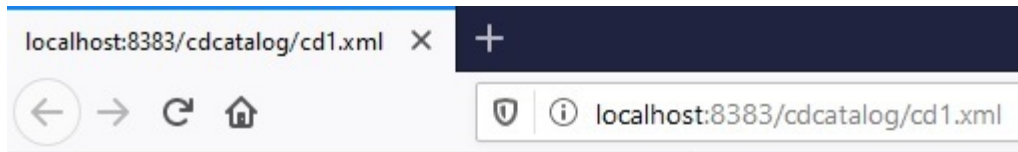
</xsl:template>

</xsl:stylesheet>

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Output:



My CD Collection

Title	Artist
Romanza	Andrea Bocelli
One night only	Bee Gees
Empire Burlesque	Bob Dylan
Hide your heart	Bob Dylan
Greatest Hits	Dolly Parton
Sylvias Mother	Dr.Hook
Eros	Eros Ramazzotti
Still got the blues	Gary Moore
Unchain my heart	Joe Cocker
Pavarotti Gala Concert	Luciano Pavarotti
The dock of the bay	Otis Redding
Maggie May	Rod Stewart
Picture book	Simply Red
Red	The Communards
Tupelo Honey	Van Morrison

Filtering the Output

Title	Artist
Empire Burlesque	Bob Dylan
Hide your heart	Bob Dylan

