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Write an xsl program to implementation of xsl:if and xsl:choose element for given xml document

File name: cd2.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: cd2.xsl

<!--implementation of xsl:if and xsl:choose element

<?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>

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

</tr>

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

<xsl:if test="price > 10">

<tr>

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

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

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

</tr>

</xsl:if>

</xsl:for-each>

</table>

<h2>xsl:choose element</h2>

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

<tr>

<th>Title</th>

<th>Artist</th>

</tr>

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

<tr>

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

<xsl:choose>

<xsl:when test="price > 10">

<td bgcolor="#ff00ff">

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

</xsl:when>

<xsl:otherwise>

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

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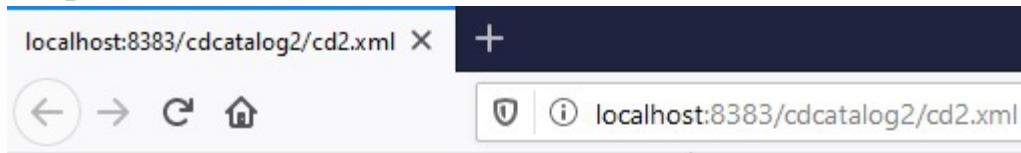
```
</xsl:otherwise>  
</xsl:choose>  
</tr>  
</xsl:for-each>  
</table>  
</body>  
</html>  
</xsl:template>  
</xsl:stylesheet>
```

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Output:



My CD Collection

Title	Artist	Price
Empire Burlesque	Bob Dylan	10.90
Still got the blues	Gary Moore	10.20
One night only	Bee Gees	10.90
Romanza	Andrea Bocelli	10.80

xsl:choose element

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