

XPATH TEXT

http://www.tutorialspoint.com/xpath/xpath_text.htm

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Text can be easily retrieved and checked by using the name of the element.

name - get the text value of node "name".

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

Text can be used to compare using operators.

marks > 85 - get the text value of node "marks" and compare with a value.

```
<xsl:if test="marks > 85">
```

Example

In this example, we've created a sample xml document, students.xml and its stylesheet document students.xsl which uses XPath expressions. Following is the sample xml used.

students.xml

```
<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="students.xsl"?>
<class>
  <student rollno="393">
    <firstname>Dinkar</firstname>
    <lastname>Kad</lastname>
    <nickname>Dinkar</nickname>
    <marks>85</marks>
  </student>
  <student rollno="493">
    <firstname>Vaneet</firstname>
    <lastname>Gupta</lastname>
    <nickname>Vinni</nickname>
    <marks>95</marks>
  </student>
  <student rollno="593">
    <firstname>Jasvir</firstname>
    <lastname>Singh</lastname>
    <nickname>Jazz</nickname>
    <marks>90</marks>
  </student>
</class>
```

students.xsl

```
<?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>
  <h3>Details of each Students. Xpath expression = "/class/student"</h3>
  <table border="1">
    <tr bgcolor="#9acd32">
      <th>Roll No</th>
      <th>First Name</th>
      <th>Last Name</th>
      <th>Nick Name</th>
      <th>Marks</th>
    </tr>
    <xsl:for-each select="/class/student">
      <tr>
```

```

        <td>
            <xsl:value-of select="@rollno"/>
        </td>
        <td><xsl:value-of select="firstname"/></td>
        <td><xsl:value-of select="lastname"/></td>
        <td><xsl:value-of select="nickname"/></td>
        <td><xsl:value-of select="marks"/></td>
    </tr>
</xsl:for-each>
</table>
<h3>Details of each Students whose marks are greater than 85. Xpath expression =
"marks > 85"</h3>
<table border="1">
    <tr bgcolor="#9acd32">
        <th>Roll No</th>
        <th>First Name</th>
        <th>Last Name</th>
        <th>Nick Name</th>
        <th>Marks</th>
    </tr>
    <xsl:for-each select="//student">
        <xsl:if test="marks > 85">
            <tr>
                <td>
                    <xsl:value-of select="@rollno"/>
                </td>
                <td><xsl:value-of select="firstname"/></td>
                <td><xsl:value-of select="lastname"/></td>
                <td><xsl:value-of select="nickname"/></td>
                <td><xsl:value-of select="marks"/></td>
            </tr>
        </xsl:if>
    </xsl:for-each>
</table>
</body>
</html>
</xsl:template>
</xsl:stylesheet>

```

Verify the output

**Details of each Students. Xpath expression =
"/class/student"**

Roll No	First Name	Last Name	Nick Name	Marks
393	Dinkar	Kad	Dinkar	85
493	Vaneet	Gupta	Vinni	95
593	Jasvir	Singh	Jazz	90

**Details of each Students whose marks are greater than
85. Xpath expression = "marks > 85"**

Roll No	First Name	Last Name	Nick Name	Marks
493	Vaneet	Gupta	Vinni	95
593	Jasvir	Singh	Jazz	90

