

SCRIPT

```
Set-StrictMode -Version 4.0
```

```
clear
```

```
trap [Exception]
```

```
{
```

```
    Write-Host $_.Exception;
```

```
}
```

```
$inputfile = "H:\Data\Source\Powershell\Input\input.xml"
```

```
$outputfile = "H:\Data\Source\Powershell\Output\xslt1.html"
```

```
$xsltfile = "H:\Data\Source\Powershell\XSLT\test1.xslt"
```

```
$xslt = New-Object System.Xml.Xsl.XslCompiledTransform;
```

```
#Register-ObjectEvent -InputObject $xslt -EventName XsltMessageEncountered -Action { Write-Host ("Message: " + $EventArgs.Message) };
```

```
$xslt.load( $xsltfile )
```

```
$xslt.Transform( $inputfile, $outputfile )
```

```
Get-Content $outputfile
```

XML

```
<?xml version="1.0" encoding="ISO-8859-1" standalone="no"?>
```

```
<input>
```

```
    <row id="1">
```

```
        <usern>12345</usern>
```

```
        <lastname>Testuser</lastname>
```

```
        <firstname>Testy</firstname>
```

```
    </row>
```

```
    <row id="2">
```

```
        <usern>98765</usern>
```

```
        <lastname>Hirsch</lastname>
```

```
        <firstname>Harry</firstname>
```

```
    </row>
```

```
</input>
```

XSLT

```
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet version="2.0"
  xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
  xmlns="http://www.w3.org/TR/REC-html40">
<!--** Slash identifies root element -->
  <xsl:output method="html"/>

  <xsl:template match="text()">
    <xsl:value-of select="normalize-space(.)"/>
  </xsl:template>

  <xsl:template match="/input">
    <html>
      <body><xsl:apply-templates/></body>
    </html>
  </xsl:template>

  <xsl:template match="row">
    <xsl:text>&#xa;</xsl:text>
    <xsl:value-of select="@id"/>
    <xsl:choose>
      <xsl:when test="@id='1'">
        <xsl:text>. first row: </xsl:text>
      </xsl:when>
      <xsl:when test="@id='2'">
        <xsl:text>. second row: </xsl:text>
      </xsl:when>
      <xsl:otherwise>
        <xsl:text>. other row: </xsl:text>
      </xsl:otherwise>
    </xsl:choose>
    <xsl:apply-templates/>
    <xsl:text>&#xa;</xsl:text>
  </xsl:template>

  <xsl:template match="usern">
    <xsl:text>Usernr: *</xsl:text>
    <xsl:value-of select="." />
    <xsl:text>*</xsl:text>
  </xsl:template>

  <xsl:template match="firstname">
    <xsl:text>Firstname: *</xsl:text>
    <xsl:value-of select="." />
```

```
<xsl:text>*</xsl:text>
</xsl:template>

<xsl:template match="lastname">
  <xsl:text>Lastname: *</xsl:text>
  <xsl:value-of select="." />
  <xsl:text>*</xsl:text>
</xsl:template>

</xsl:stylesheet>
```

OUTPUT

```
<html xmlns="http://www.w3.org/TR/REC-html40">
  <body>
    1. first row: Usernr: *12345*Lastname: *Testuser*Firstname: *Testy*
    2. second row: Usernr: *98765*Lastname: *Hirsch*Firstname: *Harry*
  </body>
</html>
```