

XML:

```
<?xml version="1.0" encoding="UTF-8"?>
<terrain>
<mtn x='10' y='20' w='30' h='90' />
<mtn x='100' y='200' w='70' h='90' />
</terrain>
```

.xsl:

```
<?xml version="1.0" encoding="UTF-8"?>
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
version="1.0">

  <xsl:output method="html" encoding="UTF-8" indent="yes"/>
  <xsl:param name="r">0</xsl:param>
  <xsl:param name="g">0</xsl:param>
  <xsl:param name="b">0</xsl:param>
  <xsl:param name="square">no</xsl:param>

  <xsl:template match="/">
    <html>
      <head>
      </head>
      <body>
        <svg xmlns="http://www.w3.org/2000/svg" width="500"
height="500" version="1.1">
          <rect x="{/terrain/mtn[1]/@x}" y="{/terrain/mtn[1]/@y}"
width="{/terrain/mtn[1]/@w}" height="{/terrain/mtn[1]/@h}"
style="fill:rgb({$r},{ $g},{ $b})"></rect>
          <rect x="{/terrain/mtn[2]/@x}" y="{/terrain/mtn[2]/@y}"
width="{/terrain/mtn[2]/@w}" height="{/terrain/mtn[2]/@h}"
style="fill:rgb({$r},{ $g},{ $b})"></rect>
          <xsl:choose>
            <xsl:when test="$square='yes'">
              <path d="M8 8 h 15 v 10 h -15 z" fill="blue"
stroke="black"/>
            </xsl:when>
          </xsl:choose>
        </svg>
      </body>
    </html>
  </xsl:template>
</xsl:stylesheet>
```

PHP:

```
<?php
// Load XML file

ini_set('display_errors', 1);

$r = $_GET['r'];
$g = $_GET['g'];
$b = $_GET['b'];
$square = $_GET['square'];

$xml = new DOMDocument;
$xml->load('A6.xml');
```

```
// Load XSL file
$xml = new DOMDocument;
$xml->load('xmlToHtml.xsl');

// Configure the transformer
$proc = new XSLTProcessor;

// Attach the xsl rules
$proc->importStyleSheet($xml);

//pass parameters
$proc->setParameter(NULL, 'r', $r);
$proc->setParameter(NULL, 'g', $g);
$proc->setParameter(NULL, 'b', $b);
$proc->setParameter(NULL, 'square', $square);

echo $proc->transformToXML($xml);
?>
```

Output:



<http://lyle.smu.edu/~rmandhare/cse7347/Assignment6/xsltTransformer.php?r=255&g=165&b=0&square=yes>

← → ↻ lyle.smu.edu/~rmandhare/cse7347/Assignment6/xsltTransformer.php?r=255&g=165&b=0



<http://lyle.smu.edu/~rmandhare/cse7347/Assignment6/xsltTransformer.php?r=255&g=165&b=0>