

HTML5 CANVAS - TEXT AND FONTS

http://www.tutorialspoint.com/html5/canvas_text_fonts.htm

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HTML5 canvas provides capabilities to create text using different font and text properties listed below –

Sr.No.	Property and Description
1	font [= value] This property returns the current font settings and can be set, to change the font.
2	textAlign [= value] This property returns the current text alignment settings and can be set, to change the alignment. The possible values are start , end , left , right , and center .
3	textBaseline [= value] This property returns the current baseline alignment settings and can be set, to change the baseline alignment. The possible values are top , hanging , middle , alphabetic , ideographic and bottom
4	fillText <i>text, x, y[, maxWidth]</i> This property fills the given <i>text</i> at the given position indicated by the given coordinates x and y.
5	strokeText <i>text, x, y[, maxWidth]</i> This property strokes the given <i>text</i> at the given position indicated by the given coordinates x and y.

Example

Following is a simple example which makes use of above mentioned attributes to draw a text –

```
<!DOCTYPE HTML>
<html>
  <head>

    <style>
      #test {
        width: 100px;
        height:100px;
        margin: 0px auto;
      }
    </style>

    <script type="text/javascript">
      function drawShape(){

        // get the canvas element using the DOM
        var canvas = document.getElementById('mycanvas');

        // Make sure we don't execute when canvas isn't supported
        if (canvas.getContext){
```

```

// use getContext to use the canvas for drawing
var ctx = canvas.getContext('2d');

ctx.fillStyle    = '#00F';
ctx.font         = 'Italic 30px Sans-Serif';

ctx.textBaseline = 'Top';
ctx.fillText     ('Hello world!', 40, 100);

ctx.font         = 'Bold 30px Sans-Serif';
ctx.strokeText   ('Hello world!', 40, 50);
}

else {
    alert('You need Safari or Firefox 1.5+ to see this demo.');
```

```

</script>
</head>

<body >
    <canvas ></canvas>
</body>

</html>
```

The above example would produce following result –

