

strokeRect() METHOD IN HTML5 CANVAS

- The strokeRect is a method of HTML <canvas> element.
- It is used to draw a no fill rectangle on the canvas.
- The default color of the strokeRect() is black.

Syntax for strokeRect() method in HTML5 Canvas :

```
context.strokeRect(x,y,width,height);
```

Parameter values for strokeRect() method in HTML5 Canvas:

Value	Description
x	The x axis coordinate of the rectangle starting point.
y	The y axis coordinate of the rectangle starting point.
width	It is used to set a width for the rectangle.
height	It is used to set a height for the rectangle.

Sample coding for strokeRect() method in HTML5 Canvas:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy HTML Canvas strokeRect with example</title>
  </head>
  <body>
    <h1>HTML Canvas strokeRect with example</h1>
    <canvas id="wikiCanvas" width="370" height="200"
      style="border:1px solid green;">
    </canvas>
    <script>
      var a = document.getElementById("wikiCanvas");
      var context = a.getContext("2d");
      context.strokeRect(90, 50, 170, 100);
    </script>
  </body>
</html>
```



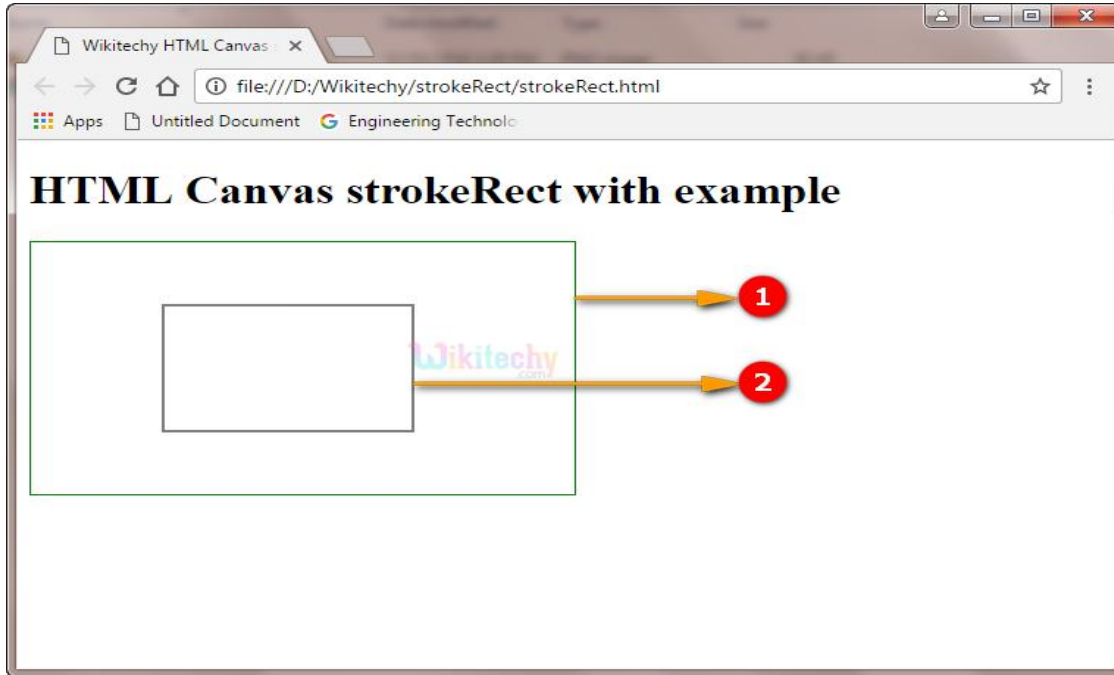
Code Explanation for strokeRect() method in HTML5 Canvas:

```
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<html>
  <head>
    <title>Wikitechy HTML Canvas strokeRect with example
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  <body>
    <h1>HTML Canvas strokeRect with example</h1>

    <canvas id="wikiCanvas" width="370" height="200"
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    <script>
      var a = document.getElementById("wikiCanvas");
      var context = a.getContext("2d");
      context.strokeRect(90, 50, 170, 100);
    </script>
  </body>
</html>
```

1. **"wikitechyCanvas"** is used to define the value of id attribute for canvas element.
2. The **getElementById();** method is used to get the element that has the id attribute with the **"wikiCanvas"** value.
3. **a.getContext("2d")** method is returns a two-dimensional drawing context on the canvas.
4. The **strokeRect()** method is used to create a no fill rectangle in the canvas.

Sample Output for `strokeRect()` method in HTML5 Canvas:



1. The canvas rectangle with green border.
2. The black color rectangle shows that a rectangle drawn by using **`strokeRect()`** method.

Browser Support for `strokeRect()` in HTML5 Canvas :

Browser	Support
Chrome	Yes
Internet explorer / Edge	9.0
Firefox	Yes
Safari	Yes
Opera	Yes

Tips and Notes

- The strokeStyle property is used to set a color, gradient or pattern to style the stroke.

