

closePath() METHOD OF HTML IN CANVAS

- The closePath is a property of <canvas> element in Paths.
- The closePath() method designs a path from the present point back to the starting point.

Syntax for closePath() Method in HTML5 Canvas:

```
context.closePath();
```



Sample coding for closePath() Method in HTML5 Canvas:

```
<!DOCTYPE html>
<html>
  <head>
    <title>wikitechy - HTML Canvas closePath Method</title>
  </head>
  <body>
    <h1>wikitechy HTML Canvas closePath Method </h1>
    <canvas id="wikitechyCanvas" width="200" height="200"
style="border:2px solid red;"> </canvas>
    <script>
      var cp= document.getElementById("wikitechyCanvas");
      var cpx= cp.getContext("2d");
      cpx.beginPath();
      cpx.moveTo(30, 10);
      cpx.lineTo(150, 75);
      cpx.lineTo(15, 100);
      cpx.closePath();
      cpx.stroke();
    </script>
  </body>
</html>
```

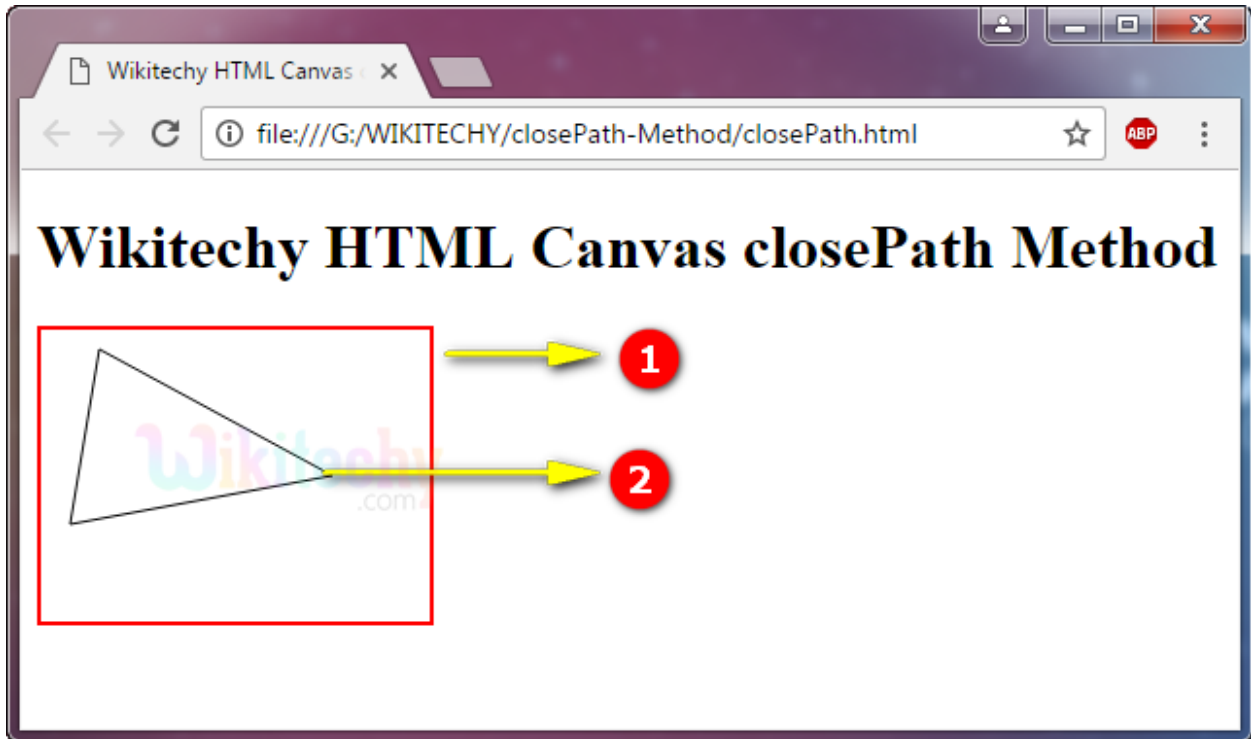
Code Explanation for closePath() Method in HTML5 Canvas:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Wikitechy HTML Canvas closePath Method</title>
  </head>
  <body>
    <h1>Wikitechy HTML Canvas closePath Method</h1>
    <canvas id="wikitechyCanvas" width="200" height="150"
      style="border:2px solid red;">
    </canvas>
    <script>
      var cp= document.getElementById("wikitechyCanvas");
      var cpx = cp.getContext("2d");
      cpx.beginPath();
      cpx.moveTo(30, 10);
      cpx.lineTo(150, 75);
      cpx.lineTo(15, 100);
      cpx.closePath();
      cpx.stroke();
    </script>
  </body>
</html>
```

1. **"wikitechyCanvas"** is used to define the value id attribute for canvas element.
2. The **getElementById();** method is used to get the canvas element that has the id attributes with the specified value.
3. **cp.getContext("2d")** method is returns a two-dimensional drawing context on the canvas.
4. **cpx.beginPath()** method is used to begins the path or reset the current path to increase width of the line using linewidth .
5. **cpx.moveTo()** method is used to set the starting point at **(30,10)**in x ,y axis.
6. **cpx.lineTo()** method is used to set the ending point at**(150,75)** in x, y direction.
7. **cpx.lineTo()** method is used to set the ending point to starting point at **(15,100)** in x, y direction.

8. **cpx.closePath()** creates a path from the current point back to the starting point.
9. **cpx.stroke()** method is used to display the graphics.

Sample Output for closePath() Method in HTML5 Canvas:



1. The canvas rectangle with red color border.
2. Draw a path and then draw a line back to the starting point.

Browser Support for closePath() Method in HTML5 Canvas:

Browser	Language Attribute
Chrome	Yes
Internet explorer / Edge	9.0
Firefox	Yes
Safari	Yes
Opera	Yes