## Carvas

Ref: developer. mozilla. org /en-US/ docs/
Web /API/ Canvas - API/ Tuborial/Basic-usage

default id = "my canvas" width = "300" ∠ canvas height = "150"> mase </canvas) graty: yaled & Rt layout ( CSS might dubon -) fall Lock content unatures is here will be desplayed ustead if bowser coeles doesn't support contas

Script -> access "rendering context" and door on

Var canvas = document. get Element by Id

('my canvas);

vare ct x = canvas. get-Context ( 2d);

The property context 2D type to context

= canvas Rendering Context 2D context

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```
אי ייט
 con vas
       If canvas. get Context &
           var ctr = canvas. set Context ( > 2d);
        } dse
             no canvas code
< html)
< body onload = "draw();">
    <canvas . _ _ </canvas
   </body>
  </hbm/>
            Œ
  function down () [
   var canvas = document, get Flement by Id
                                    ( my can vas);
       if canvas. get Context &
            var ctr = canvas. get Context ( > 2d1);
```

<style type = "text/cos"> } border: 1 px solid black; } </s\de> Rectargles ctx. fill Style = \ rgb(200, 0,0)'; ctx. fill Rect (10,10,50,50); < ctx. fill Style = 1 866a (99, 200, 0.5); ctx. fill Rect (30,30 50,50); Stroke Rect (x,y, undth, ht) clear Rect (x, y, width, ht) < clears an area mater it transparents Paths create path draw into path stroke / RII the path, render it / starting path pos

ctx. move To (75, 50); CEX. line To (100,75); & from current on 6

ctx. begin Path ();

Ctx. line To (100, 25);

ctx. fill (); // ctx. stroke ();

close Path = adds straight line to gath
govy to start of amount subjectly

CEX. ATC (2, y, radius, start tryle, end Argle)

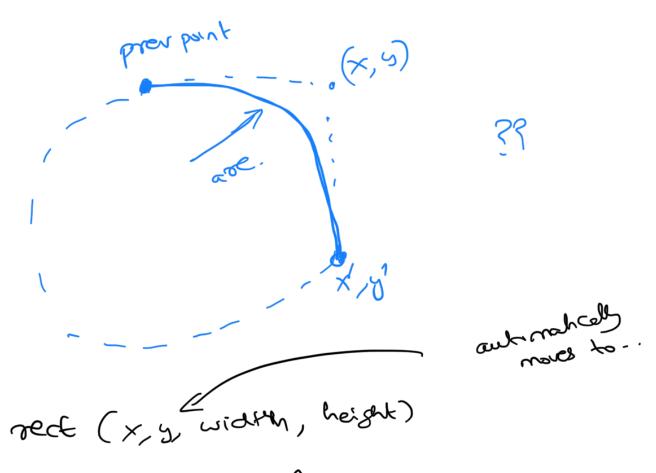
anticlockouse)

(eg)

P1 \* 2

Math. P1 \* 2

ctx. are To (x, y, x/y1, radius)



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adde or party perhant party perhant to an open perh

Ctx. fillstyle = \ 7860 ( m, 8, 19, 9);

toou n

ctx. global Alpha = 0.2 (- globally alpha = 0.2

rgba (255,255, 255,  $\frac{1}{10} + \frac{1}{10} + \frac{1}{10}$ )

from the strong