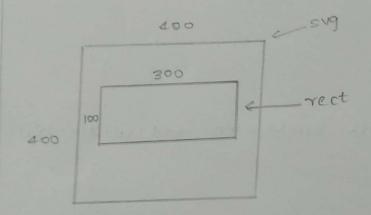
Using SVG to create images using code SVG circle: The ¿circle > element is used to create a circle Example: (svg height = "100" width = "150" > (circle cx = "50" cy = "50" r= "40" fill = "red") LISU9) (0,0) e svg with height = 100 and width = 150 100 Here cx and cy defines x and y coordinates of the center of the circle. It cx and cy are omitted then circle is set to (0,0) The rattribute defines radius of circle.

sva Rectangle

The crect> element is used to create a rectangle and variations of a rectangle shape.

Ex: (svg width = "400" height = "400")



Here the width and height attributes of crect >

defines the height and width of the rectangle, in the

image we can see the rectangle with width=300

image height =100 inside svg of length and width 400.

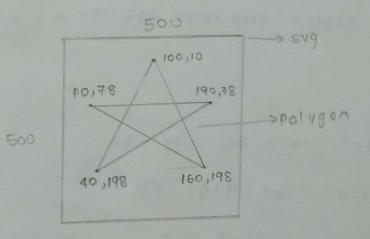
SVG Polygon

The ¿polygon> ellment is used to create a graphic that centains atleast three sides. Polygons are made of Straight lines and shape is closed.

<sug height = 500 " width = "500" >

<polygon points = "100,10 40,198 190,48, 10,78,160,198"</pre>
Style = " fill:lime" >

c/svg>



points is used to determine the coordinates of the points which we want to specify.

creating logo using sug ellipse and gradient Example: (svg height = 500" width = "500" > (defs) 22= "1001." Y2= "01." > (Stop Offset = "01." Style = "Stop-color: rgb(255,255,0);/> (Stop offset = "100%." Style = " Stop-color: rgb (255,0,0);"/> Ulinear Gradient > cldefs> Cellipse (x="100" (y="70" rx="85" ry=55" fill = " Un (#19) " /> (text fill = "#ffffff" font-size = "45" x="50" y = "86") 5467 citext> 41 sug >

| Canvas | SV67 |
|--------------------------------|---------------------------|
| canvas draws 20 graphics. | sug is a language for |
| on the fly (with a Javascript) | describing 20 graphics |
| | in XML |
| Canvas is rendered pixel by | In SUG each shape is |
| pirel. Once graphic is drawn | remembered as objects. |
| it is forgotten by brauser | If attributes of sva obje |
| If position is changed | are changed, the browser |
| entire screen should be | automotically re-render |
| redraws. | the shape |
| Resolution dependent | Resolution independen |
| No support for event | Support for event |
| handlers | handlers |
| Poor rendering capabilities | Best suited for |
| Poor rendering | applications with |
| | large rendering area |
| well suited for graphic- | Not suited for game |
| | |