

Code:

URL: <http://lyle.smu.edu/~rmandhare/cse7347/Assignment5/SVG.html>

```
<!DOCTYPE html>

<html>

<body>

<svg width="300" height="300">

  <rect id="rec" x="800" y="100" width="300" height="80" style="fill:blue">

    <animate attributeName="x" attributeType="XML" begin="0s" dur="6s" fill="freeze" from="300"
to="0" />

    <animate attributeName="y" attributeType="XML" begin="0s" dur="6s" fill="freeze" from="100"
to="0" />

    <animate attributeName="width" attributeType="XML" begin="0s" dur="6s" fill="freeze" from="300"
to="800" />

    <animate attributeName="height" attributeType="XML" begin="0s" dur="6s" fill="freeze" from="100"
to="300" />

    <animate attributeName="fill" attributeType="CSS" from="lime" to="magenta" begin="2s" dur="4s"
fill="freeze" />

  </rect>

  Sorry, your browser does not support inline SVG.

</svg>

<svg height="150" width="400">
```

```
svg width="120" height="120" viewBox="0 0 120 120"
```

```
xmlns="http://www.w3.org/2000/svg" version="1.1"
```

```
xmlns:xlink="http://www.w3.org/1999/xlink" >
```

```
<path d="M10,110 A120,120 -45 0,1 110 10 A120,120 -45 0,1 10,110"
```

```
stroke="lightgrey" stroke-width="2"
```

```
fill="none" id="theMotionPath"/>
```

```
<circle cx="0" cy="110" r="3" fill="lightgrey" />
```

```
<circle cx="110" cy="10" r="3" fill="lightgrey" />
```

```
<!-- Here is a red circle which will be moved along the motion path. -->
```

```
<circle cx="" cy="" r="5" fill="red">
```

```
<!-- Define the motion path animation -->
```

```
<animateMotion dur="6s" repeatCount="indefinite">
```

```
<mpath xlink:href="#theMotionPath"/>
```

```
</animateMotion>
```

```
</circle>
```

```
</svg>
```

```
</body>
```

```
</html>
```

```
</svg>
```

```
</body>
```

```
</html>
```

Output:

