Modifying a Public Domain SVG image

Openclipart.org is a great source of SVG images in the Public Domain. An Owl Clock was submitted by user estea8968 https://openclipart.org/detail/247141/owl-clock

A functioning clock was added to the image https://openclipart.org/detail/247152/owl-clock

This exercise will modify the code to create a tick-tock animation to the Owl's head

1. Go to http://steamcoded.org/lessons/OwlClock.svg.txt Then copy and paste the code into an editor. Save the file as OwlClock.svg, then open the file in a browser.

2. Go to http://steamcoded.org/lessons/DrawShapes.js.txt There is a link on the bottom of the lessons page. Then copy and paste the code into the editor, replacing the <script> section with the new code.
   Note: highlight the existing <script> section in the editor, then paste over it.
   Important: We will want undo this step (ctrl-z, or command-z) after step 3, so don't exit the editor.

3. Save the file and watch the OwlClock draw. Note that the outline of the clock is drawn first and the head is drawn last.

4. Undo step 2, and save the file again.

5. Find the first <path> element in the code - this is the outline. Add to the existing style attribute: display:none; This will remove the outline of the image.

6. Find the last <g> element in the code - this is the Owl's head. Should have id="g3315". Add style="display:none" to the group element to verify the head is not displayed.

7. Remove the style attribute added in step 6, then add a <g> group element around the <g> element of the head. Be sure to include the ending </g> at the bottom.

8. On the line before the ending </g>, add a <circle> element:
   center (-50,400), radius: 8, style="fll:green"
   The center of this circle is the point about which head will be rotated.

9. On the line after the starting <g> element from step 7, add an <animateTransform> element:
   <animateTransform attributeName="transform" AttributeType="XML" type="rotate"
   values="0,-50,400;-35,-50,400;0,-50,400" dur="2s" repeatCount="indefinite" />

10. Adjust the circle center if desired and change the values accordingly in step 9.
    When done, delete the circle element added in step 8.

11. Optional: Find the <g> element with id="seconds"
             Change the style attribute to display:initial;