Coding a Panda

1. Copy and Paste the 600x740 grid from:
   http://steamcoded.org/lessons/grid600x740.svg.txt

2. Create a circle element centered at (300,500) and a radius of 200
   add attribute: style="fill:none;stroke:black;stroke-width:14px;"

3. Create a <defs> element - don't forget the ending </defs>

4. Create a <clipPath> element inside (child element) the <defs> element and
   give it the attribute: id="cp1" - don't forget the ending </clipPath>

5. Create a <rect> element inside (child element) the <clipPath> element that
   starts at (100,600) with a width of 400 and height of 150

6. Add to the style attribute of step 2: clip-path:url(#cp1); For example:
   style="fill:none;stroke:black;stroke-width:14px;clip-path:url(#cp1);"

7. Outside the <defs> element:
   Create a circle element centered at (125,120) and a radius of 105
   add attribute: style="fill:black;"

8. Create a circle element centered at (475,120) and a radius of 105
   add attribute: style="fill:black;"

9. Create an ellipse element centered at (150,500) with x-radius 45 and y-radius 100
   add attributes: transform="rotate(45,150,500)" style="fill:black;"

9. Create an ellipse element centered at (450,500) with x-radius 45 and y-radius 100
   add attributes: transform="rotate(-45,450,500)" style="fill:black;"

10. Create an ellipse element centered at (300,270) with x-radius 285 and y-radius 210
    add attribute: style="fill:white;stroke:black;stroke-width:5px;"

11. Create a circle element centered at (170,640) and a radius of 85
    add attribute: style="fill:black;"

12. Create a circle element centered at (175,655) and a radius of 63
    add attribute: style="fill:white;"

13. Create a circle element centered at (430,640) and a radius of 85
    add attribute: style="fill:black;"

14. Create a circle element centered at (425,655) and a radius of 63
    add attribute: style="fill:white;"

15. Create an ellipse element centered at (300,343) with x-radius 35 and y-radius 18
    add attribute: style="fill:black;"

16. Create an ellipse element centered at (310,334) with x-radius 15 and y-radius 5.5
    add attribute: style="fill:white;stroke:none;"

17. Create a <path> element with attributes:
    d="M246,375Q255,408,300,390Q345,408,354,375M300,390L300,360"
    style="fill:none;stroke:black;stroke-width:7px;stroke-linecap:round;"

18. Create a <g> (group) element with attributes:
    id="eye" style="fill:black;stroke:none;"
    don't forget the ending </g>

Create the following elements (steps 19-26) inside (child elements) of the
group element of step 18

19. Create an ellipse element centered at (200,270) with x-radius 50 and y-radius 100
    add attribute: transform="rotate(15,200,270)"

20. Create a <rect> element starting at (80,250) and width of 169 and height of 80 and
    x-radius (rx) of 60 and y-radius (ry) of 30 with attribute:
    transform="rotate(-35,80,250)"

21. Create a <rect> element starting at (160,382) and width of 150 and height of 80 and
    x-radius (rx) of 60 and y-radius (ry) of 30 with attribute:
    transform="rotate(-125,160,382)"

22. Create an ellipse element centered at (160,215) with x-radius 80 and y-radius 25
    add attribute: transform="rotate(-33,160,215)"

23. Create a circle element centered at (195,250) and a radius of 40
    add attribute: style="fill:white;"

24. Create a circle element centered at (198,247) and a radius of 34

25. Create a circle element centered at (211,234) and a radius of 8
    add attribute: style="fill:white;"

26. Create a circle element centered at (203,248) and a radius of 3
    add attribute: style="fill:white;"

27. Outside the group element (on the line after the ending </g> tag,
    Create a <use> element that references the group of elements and
    add attribute: transform="translate(600,0) scale(-1,1)", for example:
    <use xlink:href="#eye" transform="translate(600,0) scale(-1,1)" />

Add a Heart

28. Create a <path> element with attributes:
    style="fill:red;stroke:#900;stroke-width:4px;"
    d="M300,531
    C311,509,339,509,346,531
    C357,566,307,584,300,606
    C293,584,243,566,254,531
    C261,509,289,509,300,531"

When complete, change the style attribute of the first <g> element
from "display:initial" to "display:none" which hides the grid.

Then change the style style attribute of the second <g> element
from "opacity:0.5" to "opacity:1"