A1 Tests that were not included in the preliminary harness
(worth 46% of the test harness mark)

13: Testing createSVG to verify correct title, description, and namespace
13.1: createSVG on min.svg
13.2: createSVG on rects_gg.svg
13.3: createSVG on Emoji_thumb.svg
13.4: createSVG on rect.svg

14: Testing createSVG and getRects functions with valid files
14.1: getRects on rects_gg.svg
14.2: getRects on hen_and_chicks.svg

15: createSVG and getCircles functions with valid files
15.1: test for file Emoji_grinning.svg
15.2: test for file vest.svg

16: Testing createSVG and getPaths functions with valid files
16.1: test for file vest.svg
16.2: test for file beer.svg
16.3: test for file hen_and_chicks.svg

17: Testing createSVG and getGroups functions with valid files
17.1: test for file beer.svg
17.2: test for file hen_and_chicks.svg
17.3: test for file satisfaction.svg

18: Testing createSVG and numRects functions with valid files
18.1: test for file rects_gg.svg (area 17.00, expected 0)
18.2: test for file rects_gg.svg (area 2.00, expected 2)
18.3: test for file min.svg (716404.00, expected 0)

19: createSVG and numCircles functions with valid files
19.1: test for file Emoji_poo.svg (area 40.72, expected 2)
19.2: test for file Emoji_smiling.svg (201.06, expected: 2)

20: Testing createSVG and numPaths functions with valid files
20.1: test for file Emoji_smiling.svg (data
"m44.6 40.3c-8.1 5.7-17.1 5.6-25.2 0-1-.7-1.8.5-1.2 1.6 2.5 4 7.4 7.7 13.8 7.7s11.3-3.6
13.8-7.7c.6-1.1-.2-2.3-1.2-1.6", expected: 1)
20.2: test for file Emoji_smiling.svg (data "I am not a path", expected: 0)
20.3: test for file vest.svg (data "m203.44 143.31c0.063 0.35 0.121 0.705 0.175
1.065m-191.97-66.33c-2.005 2.27-0.291 5.271 1.425 8.701 1.715 3.43 1.286 7.717 1.286
10.719 0 3.001 5.145 16.292 16.721 28.297m3.001
1.28l15.006-0.857m4.716-1.28s17.149-11.576 22.723-15.435c5.574-3.858 32.584-18.865
40.302-21.437m12.78-1.55c-1.199 3.688-8.059 7.976-20.063 15.693s-41.159 27.011-45.447
31.727c-4.287 4.716-1.715 7.717-1.286 10.29s3.43 10.719 7.289 20.151"
expected 1)
20.4: test for file beer.svg (data "m1074 676.65c0.1 33.55-0.3 67.82-4.6 100.14-0.5 10.36-6.4
22.55-9.1 8.65-5-21.84-5.9-46.96-7.2-70.99-1.5-41.93-1.5-84.63 2.4-125.93 1.4-9.32
2.1-26.92 7.8-26.06 4.2 6.82 5.1 19.71 6.6 30.29 2.8 26.81 3.7 54.47 4.1 81.95" expected 1)

20.5: test for file hen_and_chicks.svg (data "m207.05 106.86c1.621-0.4865 3.2556-1.784 4.227-3.958 0.97144-2.174 1.177-5.1545-1.264-7.051s-7.783 1.685-7.783 4.212-0.4715 4.808 0.633 6.087 2.566 1.1965 4.187 0.71z" expected: 1)
20.6: test for file satisfaction.svg (data "Stuff and junk.95" expected: 0)

21: Testing createSVG and numGroups functions with valid files
21.1: test for file rect.svg (groups with length 2.00, expected: 0)
21.2: test for file Emoji_smiling.svg (groups with length 3.00 , expected: 1)
21.3: test for file vest.svg (groups with length 1.00 , expected: 1)
21.4: test for file satisfaction.svg (groups with length 1.00 , expected: 1)

22: createSVG and numAttr functions with valid files
22.1: test for file Emoji_poo.svg (attributess , expected)
22.2: test for file Emoji_thumb.svg (attributess , expected)
22.3: test for file vest.svg (attributess , expected)
22.4: test for file beer.svg (attributess , expected)
22.5: test for file hen_and_chicks.svg (attributess , expected)
22.6: test for file satisfaction.svg (attributess , expected)

23: createSVGimage function non-existent / non-SVG files
23.1: expected NULL for invalid/non-existent file fiibasda