

Loopy Algorithm

How to create a page of randomly sized, randomly spaced, and randomly colored circles.

Make a while loop to run through 30 times

Within the loop define a variable to a random number between 1-4

If the random number is 1 make the color pink

If the random number is 2 make the color black

If the random number is 3 make the color green

If the random number is 4 make the color dark green

Also in the while loop define a variable r with a random number between 1-200, this is the radius of the circle.

Define a variable x with a random number between 1-800, this is the x axis position of the circle.

Define a variable y with a random number between 1-600, this is the y axis position of the circle.

Now that we have the x and y coordinates, the circle can be placed in that position on the page.

Now draw and paint the circle with the given parameters.

Repeat 30 times.