

1. Create a function called Nest(n), which follows the pattern:

$$\text{Nest}(0) = 0$$

$$\text{Nest}(1) = 1$$

$$\text{Nest}(2) = 1 + (1+2) = 4$$

$$\text{Nest}(3) = 1 + (1+2) + (1+2+3) = 10$$

$$\text{Nest}(4) = 1 + (1+2) + (1+2+3) + (1+2+3+4) = 20$$

etc.

This must be computed with a nested loop.

Paste the code for Nest(n) into the Comments-to-Teacher

2. Create a function called Grid(int columns, int rows) that will display the image below if called with arguments: Grid(5,6)... Each circle's diameter should be about $\frac{3}{4}$ the size of the smaller rectangle dimension.

Upload your .pde file

