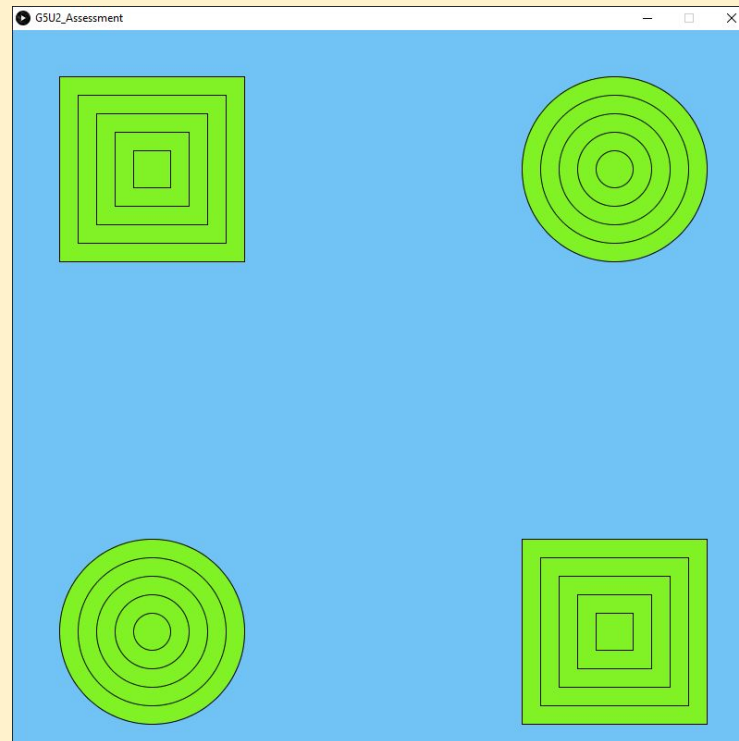




Grade 5 - Unit 2 - User Defined Function Assessment

You are required to recreate the project below

Instructions are on the next page





Grade 5 - Unit 2 - Instructions

1. Create 2 **user defined functions**;
 - i. First function will take in **AT LEAST** the x-y positions and the size of the largest circle and uses this to draw a circle target
 - ii. Second function will take in **AT LEAST** the x-y positions and the size of the largest rectangle and uses this to draw a rectangle target (**you are not allowed to use rectMode(CENTER) in this project**)
2. Use these functions to draw 4 targets (2 circle targets, 2 rectangle targets) (**as seen in the picture**)



Grade 5 - Unit 2 - Marking Scheme

Below you will find the marks breakdown for the assessment

Marking Criteria

<u>Marks</u>	<u>Description</u>
20	<i>Create 2 user def functions</i>
20	<i>Circle function has at least 3 parameters</i>
40	<i>Circle function is called to draw the targets (incorrect position = -5 marks)</i>
15	<i>Rectangle function created and used correctly (rectMode(CENTER) = -10 marks)</i>
5	<i>Creativity (visual aids, complex button designs etc)</i>
100	TOTAL