Research and inspiration

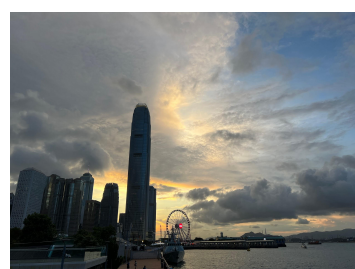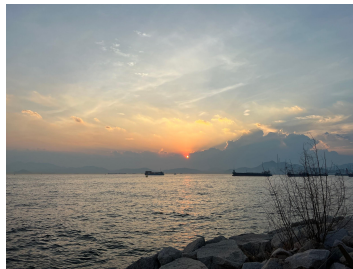(Lam,2016)   (kirmuk2.0,2018)   (Law, 2020)
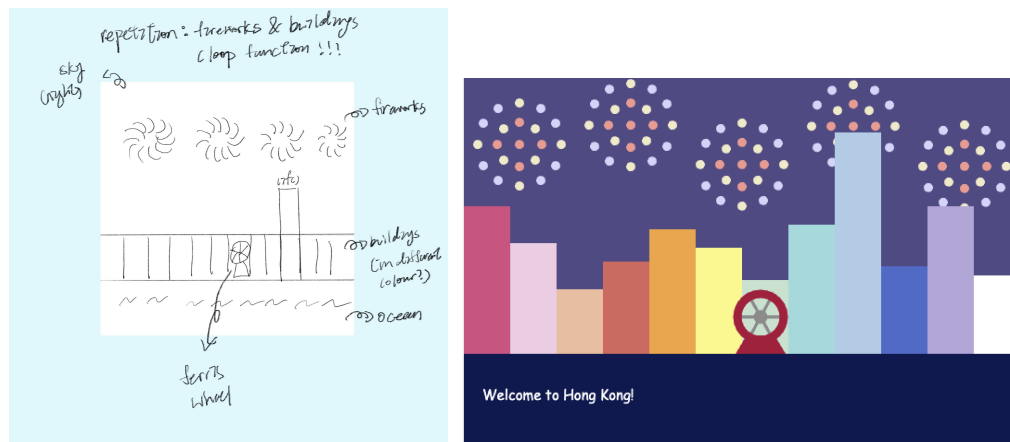

(Law, 2020)

(Chau,2023)

Above photos were the inspiration of the artworks created in this project, except the cake photo, all photos are taken in Hong Kong, the cityscape, fireworks and lights show and the sunset.
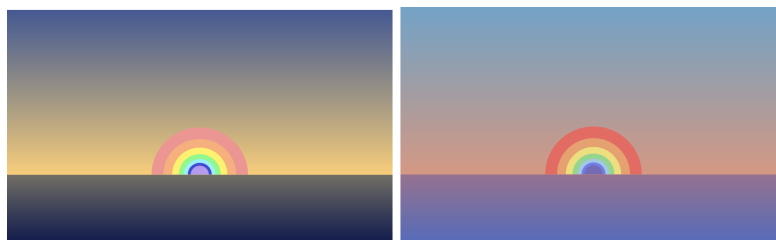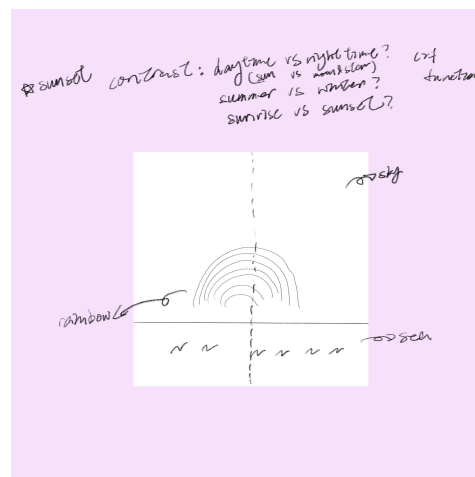
Sketches and Artworks

Fantastic Night!:

The idea behind this artwork is inspired by the beautiful cityscape of Hong Kong, my hometown. Those research conducted provided references for what to create, especially the features of the Victoria Harbour,The International Finance Center(IFC) and the Observation Wheel,. As the programming theme was repetition, the repeating elements are the buildings and the fireworks. Both these elements had used the "for loop" function to create a repetitive pattern. Arrays in code were utilised for buildings to set individual height and colour. Also, the fireworks were given a random position with a random y-coordinate ranging 50 to 100, to ensure the fireworks wouldn't be extensively covered. The ferris wheel was a decoration to enhance the overall artwork.
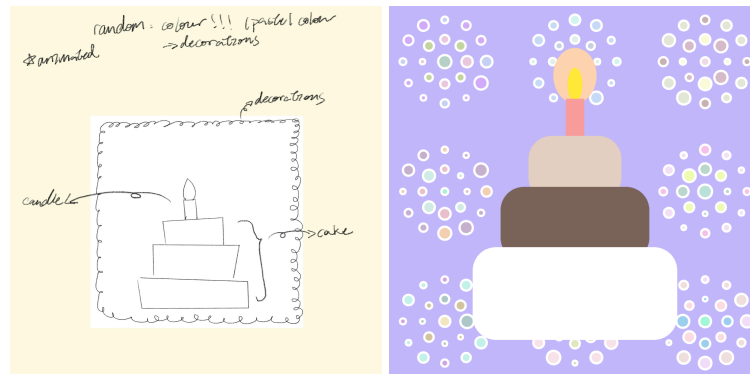
Sunrise?Sunset?:

The inspiration for this artwork comes from a memorable sunset view enjoyed with my friends in Hong Kong. To create contrast, I decided to incorporate the sunrise view using the "if statement"

applied during daylight hours. The sky and the sea were rendered in different blue colours to evoke reality and provide additional contrasting elements. The sunrise version of the rainbow features a palette of pastel colours while the sunset version employs a palette of bright colours. This also imparts a feeling that individuals typically warm up during the sunrise hours, while they tend to be more active in the sunset hours. During daylight hours(between 8am. to 4pm.), a sunrise version of the rainbow shows, while a sunset version appears when the sun goes down. The picture switched automatically when it was 4pm. or 8am.

BlingBlingCake:

The inspiration for this artwork comes from a birthday party. As the programming theme was randomisation, the elements used in this artwork was random colour and sizes of the decoration and the candle flame. A nested loop is used to create the decorations. Also, if the mouse is pressed, the cake will be highlighted.

This artwork features an animated birthday card that includes a three-layer cake with different flavour and a candle. Additionally, the flame on the candle and decorations behind the cake illustrate the exciting atmosphere of the celebration.

Evaluation

Fantastic Night!: This artwork was the most satisfying one among these three artwork. I spent more time on improving this and in my point of view, this was the most colourful one.The challenges I faced was fixing the individual building's height and the coordinate of the fireworks in the loop. I used arrays to set up the height value so that it can call out during the loop. However, as I used a nested loop for the fireworks, after I counted the coordinates of individual firework's positions, I was challenged to figure out how to simplify the code better.

Sunrise?Sunset?: This artwork was the most significant challenge among the three artworks. Initially, I struggled with incorporating the "if statement"into the code. Uncertain of how to address this challenge, I decided to proceed with coding first. Fortunately, I later developed feasible ideas to tackle the issue. The creation of the gradient colour proved to be the most challenging aspect of this project. I consulted the coding workshop and p5.js references, dedicating time to identify and debug the issues through multiple attempts.

BlingBlingCake: This artwork was completed relatively quickly with less challenges. However, recognising the potential for improvement, I decided to enhance the composition by adding more animated elements during the processing stage.

Overall, I am satisfied with the artworks that I created. Despite the initial challenge of generating ideas, I learned to draw inspiration from my daily life with guidance from lessons. The transition from having no ideas to developing several ideas was a significant realisation for me. Throughout the project, I generated numerous small ideas, although not all were feasible. I spent considerable time exploring and working with these ideas with more advanced programming functions. Besides, there is room for further improvement through more cohesive research for idea brainstorming. In the future, I hope to develop more creative programming functions and have more opportunities to explore my interests in coding.

reference:
1. Krimuk2.0 (2018)*A Symphony of Lights*. Available from: https://en.m.wikipedia.org/wiki/A_Symphony_of_Lights (Accessed: 1 December 2023)
2. Lam, S.Y. (2020) *HKFP lens: Breathtaking shots of the National Day fireworks over the Hong Kong skyline*, *Hong Kong Free Press HKFP*. Available at: https://hongkongfp.com/2016/10/02/hkfp-lens-breathtaking-shots-national-day-fireworks-hong-kong-skyline/ (Accessed: 1 December 2023).
3. Law, L. (2020) *Hong Kong in pictures: 16 beautiful places to photograph*, *PlanetWare.com*. Available at: https://www.planetware.com/pictures/hong-kong-hk.htm (Accessed: 1 December 2023).