**Shape Art Creator**

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**Overview**

This Python program allows the users to draw different geometric shapes (triangle, square, circle, and hexagon) using the turtle graphics library and after finishing each shape, a dancing cat will come out as celebration. The user can choose the shape, its colors, size, and position, and can draw multiple shapes in one session.

다채로움, 그래픽, 스크린샷, 그래픽 디자인이(가) 표시된 사진

AI 생성 콘텐츠는 정확하지 않을 수 있습니다.**Explanation**

Figure Canvas screen

The program is divided on two parts, first for getting input from user and second for the drawing screen based on the user’s input. Program will get user’s name, shape to draw, color, and position. Inputs are handled with tkinter, so user can interact with GUI(buttons, text inputs, etc.). Buttons are used to select shapes, colors, and text boxes for positions, and size. And then program draws a shape based on the user’s input. These processes are repeated by infinite loop, and if user wants to quit then loop breaks. Like Figure 1, user can draw multiple shapes in single session.

After a shape is generated, a cute cat character appears on the window to notify you that the process is complete. This cat doesn't just appear but is animated with slow movements and gestures that make the viewer feel more familiar and entertained. A speech bubble also generates next to the cat, saying several words. In addition, when a shape is erased from the window, when a new shape is generated, and when the program finishes, animations corresponding to each action are played.

**Conclusion**

This program is a fun way to learn about user input, loops, functions, and the turtle graphics library in Python. Enjoy creating your own digital art!