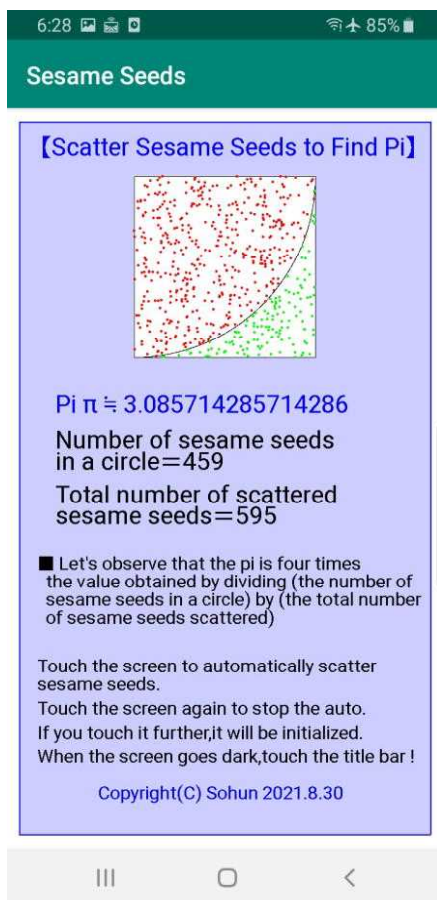


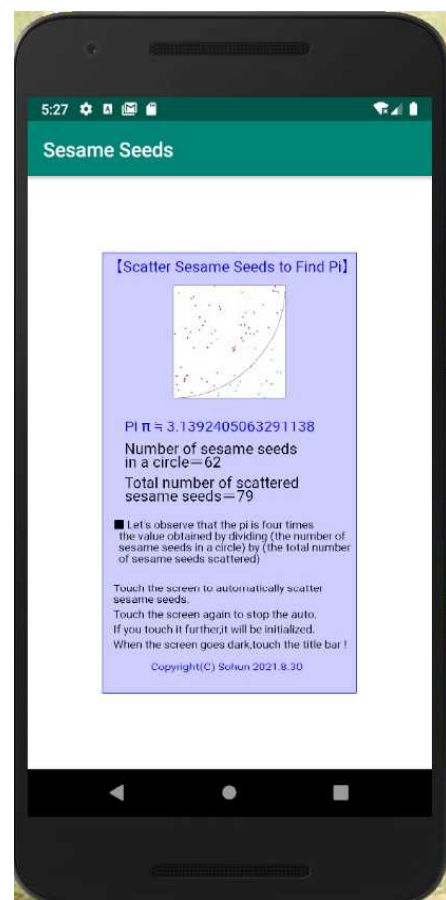
【Scatter Sesame Seeds to Find the Pi】

※ Scatter sesame seeds on the square and the circle inscribed in it , and observe how the the approximate value of pi can be obtained from the ratio of sesame seeds that enter the circle.

$$\pi = (\text{Number of sesame seeds in a circle}) \div (\text{Number of sesame seeds in a square}) \times 4$$



【Screenshot】
Galaxy S9



【Emulator image】
Android Studio Version 3.5.1

[Outline]

Scatter sesame seeds and find the approximate value of pi.

Draw a square and a circle inscribed in it , and scatter sesame seeds on it at random.

The approximate value of pi can be obtained from the ratio of the number of sesame seeds in the square to the number of sesame seeds in the circle.

Let's explain the reason mathematically.