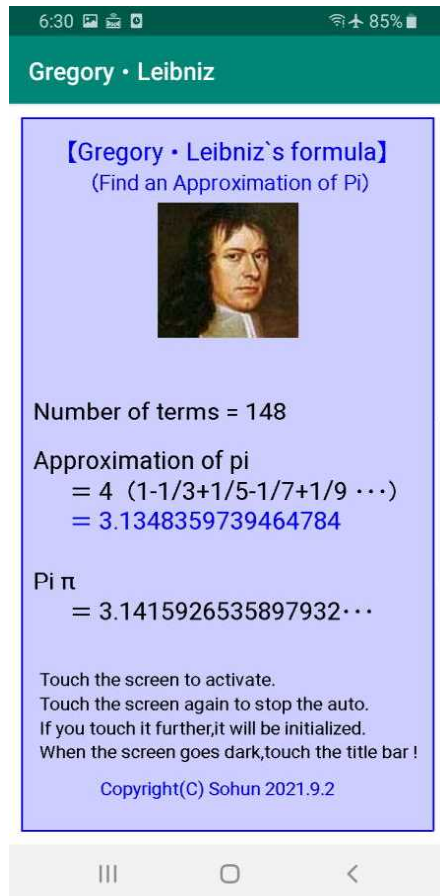


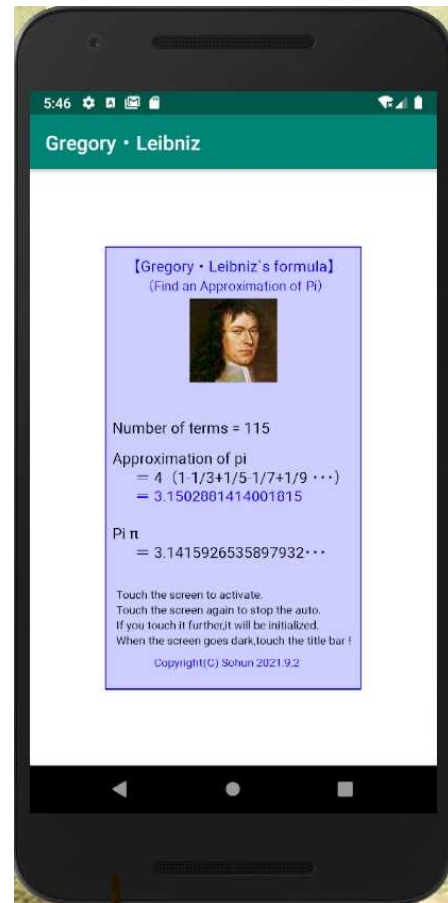
【Gregory and Leibniz's Formula】

※ Use Gregory Leibniz's formula to find an approximate value of pi.



【Screenshot】

Galaxy S9



【Emulator image】

Android Studio Version 3.5.1

[Outline]

Use the following Gregory Leibniz's formula to find an approximate value of pi.

$$pi = 4 \left(1 - \frac{1}{3} + \frac{1}{5} - \frac{1}{7} + \frac{1}{9} - \dots \right)$$

Let's observe how the approximate value of pi can be obtained as the number of terms increases.