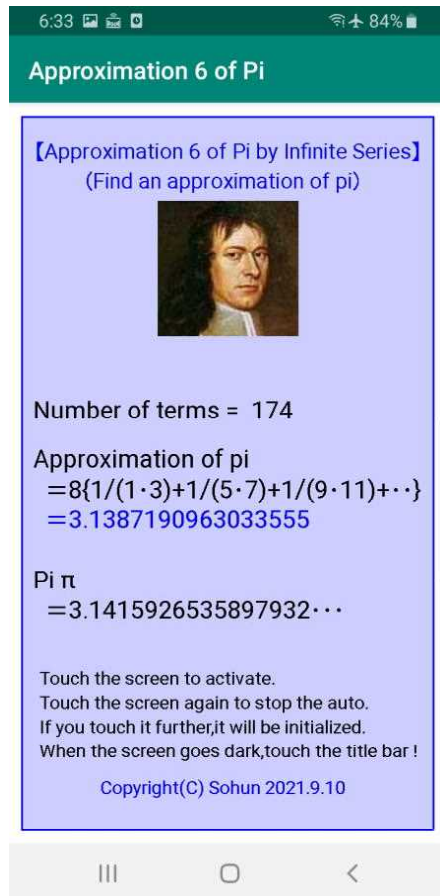


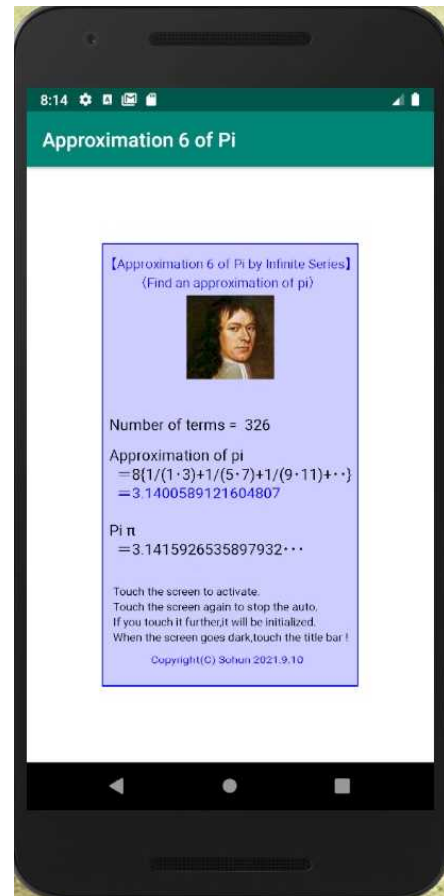
【Approximation 6 of Pi by Infinite Series】

※ Use the approximation formula to find an approximate value of pi.



【Screenshot】

Galaxy S9



【Emulator image】

Android Studio Version 3.5.1

[Outline]

The following approximation formula to find an approximate value of pi.

$$pi = 8 \left(\frac{1}{1 \times 3} + \frac{1}{5 \times 7} + \frac{1}{9 \times 11} + \frac{1}{13 \times 15} + \dots \right)$$

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