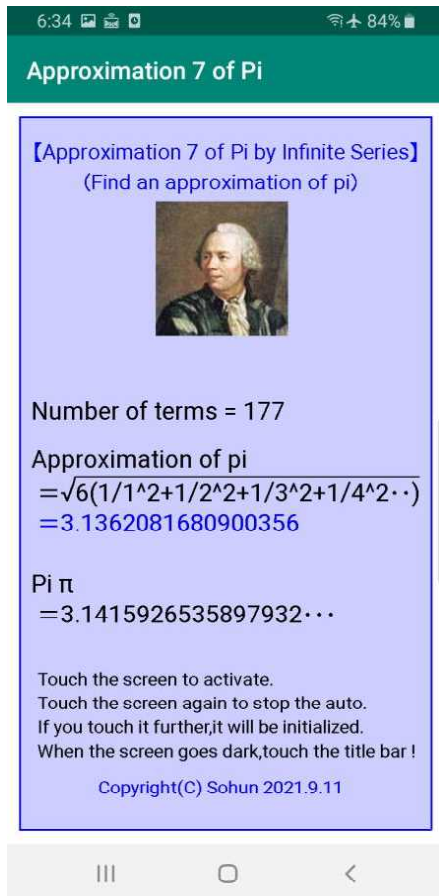
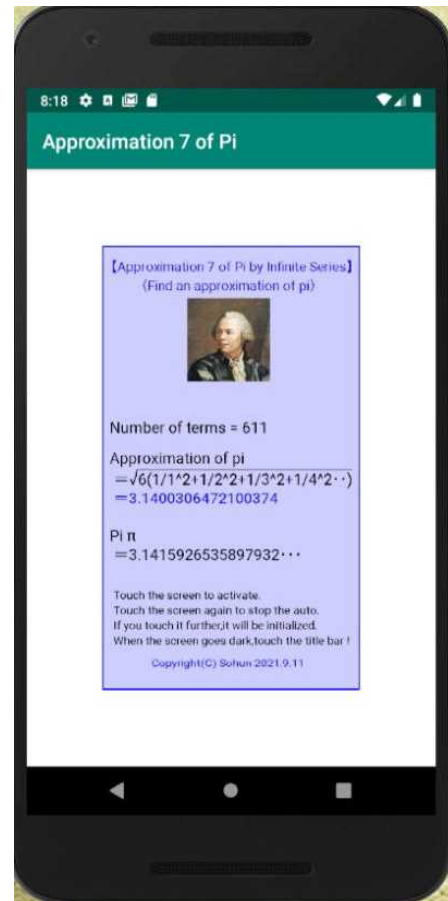


【Approximation 7 of Pi by Infinite Series】

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



【Screenshot】
Galaxy S9



【Emulator image】
Android Studio Version 3.5.1

[Outline]

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

$$pi = \sqrt{6 \left(\frac{1}{1^2} + \frac{1}{2^2} + \frac{1}{3^2} + \frac{1}{4^2} + \dots \right)}$$

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