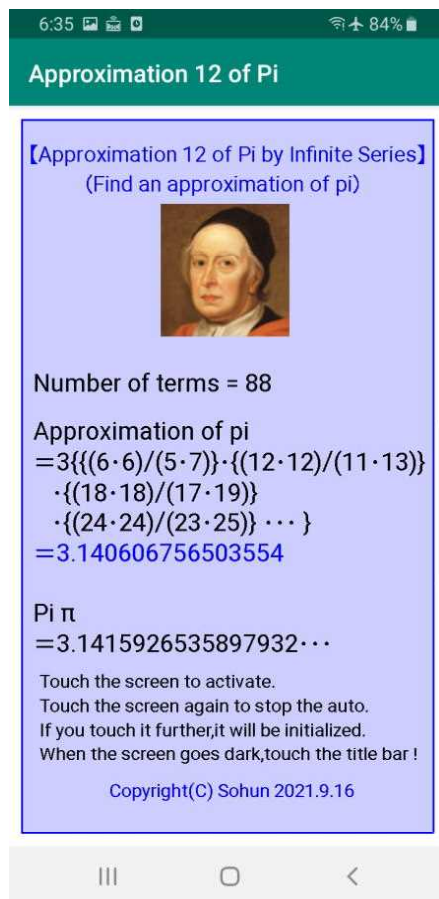


## 【Approximation 12 of Pi by Infinite Series】

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



【Screenshot】

Galaxy S9



【Emulator image】

Android Studio Version 3.5.1

[Outline]

$$pi = 3 \times \left( \frac{6 \times 6}{5 \times 7} \right) \times \left( \frac{12 \times 12}{11 \times 13} \right) \times \left( \frac{18 \times 18}{17 \times 19} \right) \times \left( \frac{24 \times 24}{23 \times 25} \right) \times \dots$$

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