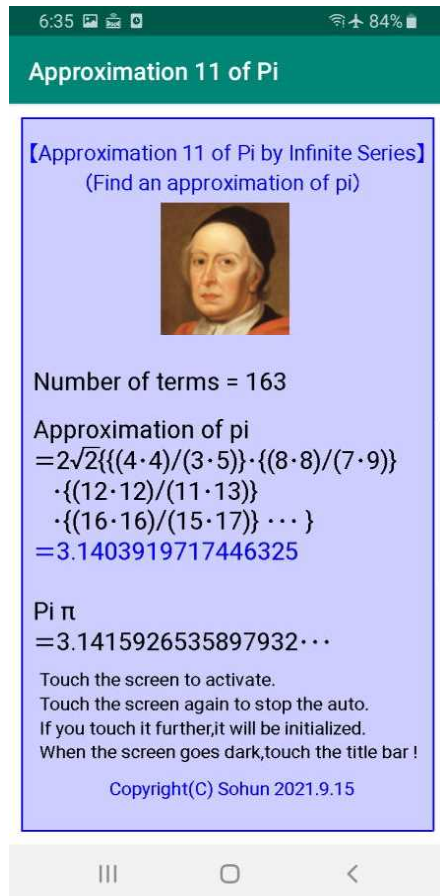


【Approximation 11 of Pi by Infinite Series】

※ 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.

$$pi = 2 \sqrt{2} \times \left(\frac{4 \times 4}{3 \times 5} \right) \times \left(\frac{8 \times 8}{7 \times 9} \right) \times \left(\frac{12 \times 12}{11 \times 13} \right) \times \left(\frac{16 \times 16}{15 \times 17} \right) \times \dots$$

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