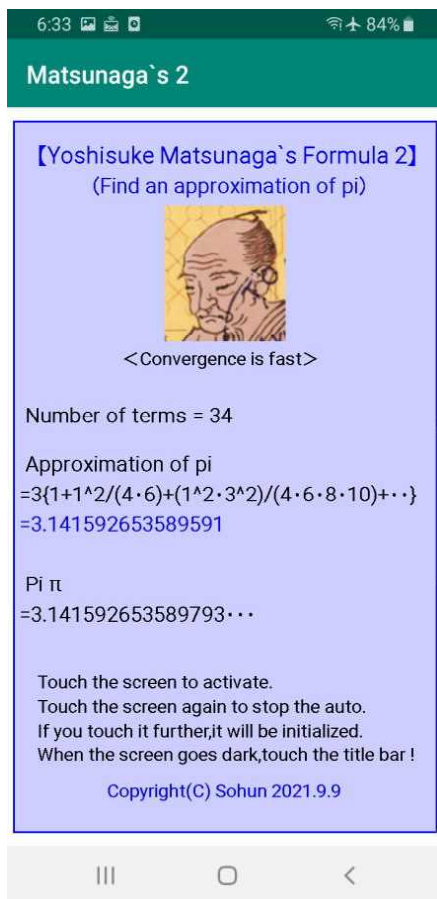
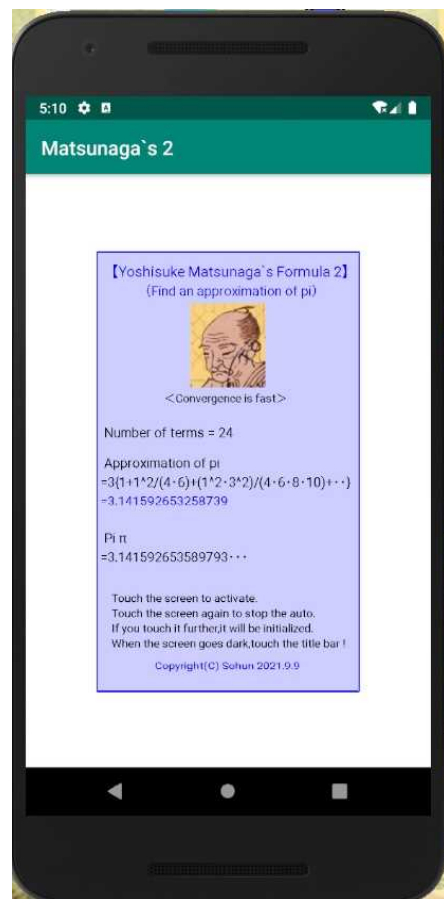


【Yoshisuke Matsunaga's Formula 2】

※ Use the Yoshisuke Matsunaga's Formula to find an approximation of pi.



【Screenshot】
Galaxy S9



【Emulator image】
Android Studio Version 3.5.1

[Outline]

Use the following Yoshisuke Matsunaga formula to find an approximation of pi.

$$pi = 3 \left(1 + \frac{1^2}{4 \times 6} + \frac{1^2 \times 3^2}{4 \times 6 \times 8 \times 10} + \frac{1^2 \times 3^2 \times 5^2}{4 \times 6 \times 8 \times 10 \times 12 \times 14} + \dots \right)$$

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

You can see that the convergence is very fast.