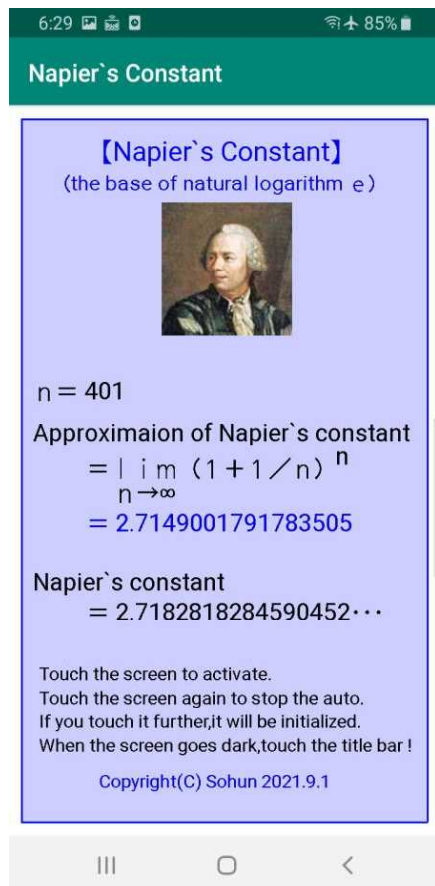


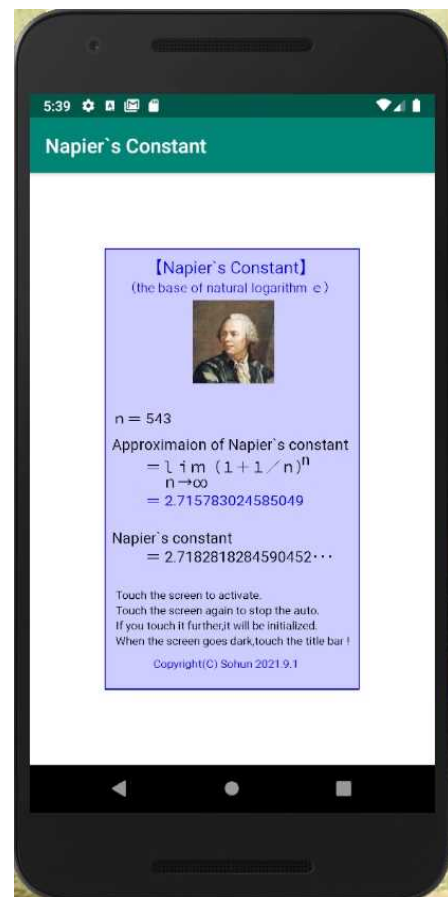
【Napier's Constant e】

Substitute the natural numbers 1,2,3,... into n of $(1 + 1/n)^n$ in sequence, and observe how the approximate value of the natural logarithm e is obtained .



【Screenshot】

Galaxy S9



【Emulator image】

Android Studio Version 3.5.1

[Outline]

$$\lim_{n \rightarrow \infty} \left(1 + \frac{1}{n} \right)^n \quad (\text{Let } n \text{ be a natural number})$$

The limit value of the above equation is called the "base of natural logarithm" or "Euler number" and is represented by e .

Let's observe the situation when n is increased steadily.