

Digits of Phi (Golden Ratio)

Calculate as many digits of the **Golden Ratio** ϕ $((1+5^{0.5})/2)$ as possible but at least 1000 after the decimal point. More than 1000000 digits won't enhance the score. In addition try to shorten your code.

Input

None

Output

1.61803398874989484...

Score

Speed and code length should be rated similarly. Though it must be difficult that's an attempt:

Score = $\min(1000000, (\text{number of correct digits})) + 15000000 / (\text{source length})$