☆ 새로운 메모 테일러

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$$g' = \cos \alpha + \frac{1}{2} \left(\frac{-\sin \alpha \cos \alpha \cos \alpha}{\sin^2 \alpha} \right)$$

$$y = \cos x + \frac{1}{2} \left(\frac{-(3m^2x + \cos^2x)}{3m^2x} \right)$$

$$y' = \frac{e^{x}(\sin x + \cos x)}{1 + 2nx} - \frac{e^{x}(\sin x)}{x((+2nx)^{2})}$$

€ y= (29+1)5. (x2-x+1)+

$$\hat{A} = \left((2x + 1)_2 \right)_1 \cdot (2x + 1)_2 \cdot ((2x + 1)_2)_2 \cdot ((2x + 1)_2)_1$$

$$Q' = \sin \frac{\pi}{4} - \frac{\cos(\frac{\pi}{4})}{\cos(\frac{\pi}{4})}$$

$$Q' = \sin(\frac{\pi}{4}) + \sin(\frac{\pi}{4})$$

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$$f(x) = e^{x} + f(e^{x}) \stackrel{?}{>} b^{2}$$

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$$0 = \lim_{h \to 0} \frac{e^{x+h} - e^{x}}{h}$$

$$0 = \lim_{h \to 0} e^{x} \frac{(e^{h} - 1)}{h} \stackrel{e^{x}}{=} \frac{2e^{x}}{2e^{x}} \stackrel{?}{>} b^{2}$$

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$$0 = \lim_{h \to 0} e^{x} \stackrel{?}{=} \frac{1}{h} \stackrel{?}{=} \frac{1}{h}$$

$$f(x) = \int_{\mathbb{R}^{n}} dx = \int_{$$

@ COS 32° =?

$$\cos 20 = \frac{\sqrt{3}}{2} : f(30) + f'(30) \cdot (2)$$

$$= \frac{\sqrt{3}}{2} - SM(30) \cdot (2\pi/80)$$

$$= \frac{\sqrt{3}}{2} - \frac{1}{2} \cdot (\frac{\pi}{90})$$

$$= (1.03205) - (0.0346)$$

$$= \frac{1.69125}{2}$$

$$= 0.848625$$

@ et टक्केंट हमर्थि समर नेमेलेंके (+ हर्भे ३४)

E11924 क्रेंसे ean पात्रम श्रेष्टिंगरी

그 보나 하나가 많이 반복되는 더 권한 값이 나왔다. 산에 e¹은 (국는 제산) 7년) 1-6487고/고기이기 이다.

```
#include <iostream>
#include <math.h>
using namespace std;
#define e = 2.71828;
int main() {
double x; //e의 지수승
double count; // 테일러 급수 횟수;
cin >> x >> count;
double fact = 0, power = 0;
double tailor = 1;
for (int i = 1; i \le count; i++) {
int num = 1;
power = pow(x, i);
for (int j = 1; j <= i; j++) \{
num = num * j;
fact = num;
tailor += power * (1/fact);
cout << tailor;
```

나의 iPad에서 보냄