CrInGeCrInGe Production. Super cringe introduction here:
Let's calculate smth with expression given:

$$\ln x$$

Firstly, let's insert all constants and simplify it:

$$\ln x$$

BRITISH SCIENTISTS WERE SHOCKED, WHEN THEY COUNT THIS EXPRESSION IN THE POINT (x = 2.000000)IT'S VALUE = 0.693147 !!!
1 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

2 step: finding a derivation of function:

$$\ln x$$

here it is:

$$\frac{1.000}{x}$$

Congratulations! The first derivation of the expression is:

$$\frac{1.000}{x}$$

IN THE POINT (x = 2.000000)IT'S VALUE = 0.500000 !!!
Let's calculate the 2 derivation of the expression:
Calculating the 1 derivation of the expression:
1 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

2 step: finding a derivation of function:

$$\ln x$$

here it is:

$$\frac{1.000}{x}$$

Calculating the 2 derivation of the expression:
1 step: finding a derivation of function:

$$x$$

$$1$$

here it is:

$$1.000$$

2 step: finding a derivation of function:

$$1.000$$

here it is:

$$0.000$$

3 step: finding a derivation of function:

$$\frac{1.000}{x}$$

here it is:

$$\frac{(-1.000) \cdot 1.000}{x^{2.000}}$$

Finally... The 2 derivation of the expression:

$$\frac{(-1.000)}{x^{2.000}}$$

BRITISH SCIENTISTS WERE SHOCKED, WHEN THEY COUNT THE 2 DERIVATION OF THIS EXPRESSION!!! IN THE POINT (x = 2.000000)IT'S VALUE = -0.250000 !!!

Partial derivation of the expression on the variable 'x':

$$\frac{1.000}{x}$$

IN THE POINT (x = 2.000000) IT'S VALUE = 0.500000 !!!

Full derivation:

$$\sqrt{(\frac{1.000}{x})^{2.000}}$$

IN THE POINT (x = 2.000000)IT'S VALUE = 0.500000 !!!

Maklorens formula for x near to 2.000000:

$$0.693 + 0.500 \cdot (x - 2.000) + (-0.125) \cdot (x - 2.000)^{2.000} + 0.042 \cdot (x - 2.000)^{3.000}$$

And remainig member is o maloe from:

$$(x - 2.000)^{3.000}$$