CrInGeCrInGe Production. Super cringe introduction here:
Let's calculate smth with expression given: f(x, y) =

$$x^{3.000} \cdot \cos\left(\frac{1.000}{x} + y\right)$$

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

$$x^{3.000} \cdot \cos\left(\frac{1.000}{x} + y\right)$$

BRITISH SCIENTISTS WERE SHOCKED, WHEN THEY COUNT IT!!! IN THE POINT (x = 3.000, y = 1.000)IT'S VALUE = 6.351 !!!

1 step: finding a derivation of function:

$$y$$

here it is:

$$1.000$$

2 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

3 step: finding a derivation of function:

$$1.000$$

here it is:

$$0.000$$

4 step: finding a derivation of function:

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

here it is:

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

5 step: finding a derivation of function:

$$\left(\frac{1.000}{x} + y\right)$$

here it is:

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

6 step: finding a derivation of function:

$$\cos\left(\frac{1.000}{x} + y\right)$$

here it is:

$$(-1.000) \cdot \sin\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right)$$

7 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

8 step: finding a derivation of function:

$$x^{3.000}$$

here it is:

$$3.000 \cdot x^{2.000}$$

9 step: finding a derivation of function:

$$x^{3.000} \cdot \cos\left(\frac{1.000}{x} + y\right)$$

here it is:

$$3.000 \cdot x^{2.000} \cdot \cos\left(\frac{1.000}{x} + y\right) + (-1.000) \cdot \sin\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) \cdot x^{3.000}$$

Congratulations! The first derivation of the expression is:

$$3.000 \cdot x^{2.000} \cdot \cos\left(\frac{1.000}{x} + y\right) + (-1.000) \cdot \sin\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) \cdot x^{3.000}$$

IN THE POINT (x = 3.000, y = 1.000)IT'S VALUE = -16.975 !!!

Let's calculate the 3 derivation of the expression:

Calculating the 1 derivation of the expression:

1 step: finding a derivation of function:

$$y$$

here it is:

$$1.000$$

2 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

3 step: finding a derivation of function:

$$1.000$$

here it is:

$$0.000$$

4 step: finding a derivation of function:

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

here it is:

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

5 step: finding a derivation of function:

$$(\frac{1.000}{x} + y)$$

here it is:

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

6 step: finding a derivation of function:

$$\cos{(\frac{1.000}{x} + y)}$$

here it is:

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

7 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

8 step: finding a derivation of function:

$$x^{3.000}$$

here it is:

$$3.000 \cdot x^{2.000}$$

9 step: finding a derivation of function:

$$x^{3.000} \cdot \cos{(\frac{1.000}{x} + y)}$$

here it is:

$$3.000 \cdot x^{2.000} \cdot \cos{(\frac{1.000}{x} + y)} + (-1.000) \cdot \sin{(\frac{1.000}{x} + y)} \cdot (\frac{(-1.000)}{x^{2.000}} + 1.000) \cdot x^{3.000}$$

Calculating the 2 derivation of the expression:

1 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

2 step: finding a derivation of function:

$$x^{3.000}$$

here it is:

$$3.000 \cdot x^{2.000}$$

3 step: finding a derivation of function:

$$1.000$$

here it is:

$$0.000$$

4 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

5 step: finding a derivation of function:

$$x^{2.000}$$

here it is:

$$2.000 \cdot x$$

6 step: finding a derivation of function:

$$(-1.000)$$

here it is:

$$0.000$$

7 step: finding a derivation of function:

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

here it is:

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

8 step: finding a derivation of function:

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

here it is:

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

9 step: finding a derivation of function:

$$y$$

here it is:

$$1.000$$

10 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

11 step: finding a derivation of function:

$$1.000$$

here it is:

$$0.000$$

12 step: finding a derivation of function:

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

here it is:

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

13 step: finding a derivation of function:

$$(\frac{1.000}{x} + y)$$

here it is:

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

14 step: finding a derivation of function:

$$\sin{(\frac{1.000}{x} + y)}$$

here it is:

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

15 step: finding a derivation of function:

$$(-1.000)$$

here it is:

$$0.000$$

16 step: finding a derivation of function:

$$(-1.000) \cdot \sin\left(\frac{1.000}{x} + y\right)$$

here it is:

$$(-1.000) \cdot \cos\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right)$$

17 step: finding a derivation of function:

$$(-1.000) \cdot \sin\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right)$$

here it is:

$$(-1.000) \cdot \cos\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}} \cdot (-1.0$$

18 step: finding a derivation of function:

$$(-1.000) \cdot \sin\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) \cdot x^{3.000}$$

here it is:

$$\left((-1.000) \cdot \cos\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}} \cdot (-1.\right.$$

19 step: finding a derivation of function:

$$y$$

here it is:

$$1.000$$

20 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

21 step: finding a derivation of function:

$$1.000$$

here it is:

$$0.000$$

22 step: finding a derivation of function:

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

here it is:

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

23 step: finding a derivation of function:

$$(\frac{1.000}{x} + y)$$

here it is:

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

24 step: finding a derivation of function:

$$\cos{(\frac{1.000}{x} + y)}$$

here it is:

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

25 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

26 step: finding a derivation of function:

$$x^{2.000}$$

here it is:

$$2.000 \cdot x$$

27 step: finding a derivation of function:

$$3.000$$

here it is:

$$0.000$$

28 step: finding a derivation of function:

$$3.000 \cdot x^{2.000}$$

here it is:

$$3.000 \cdot 2.000 \cdot x$$

29 step: finding a derivation of function:

$$3.000 \cdot x^{2.000} \cdot \cos\left(\frac{1.000}{x} + y\right)$$

here it is:

$$3.000 \cdot 2.000 \cdot x \cdot \cos\left(\frac{1.000}{x} + y\right) + (-1.000) \cdot \sin\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) \cdot 3.000 \cdot x^{2.000}$$

30 step: finding a derivation of function:

$$3.000 \cdot x^{2.000} \cdot \cos\left(\frac{1.000}{x} + y\right) + (-1.000) \cdot \sin\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) \cdot x^{3.000}$$

here it is:

$$3.000 \cdot 2.000 \cdot x \cdot \cos\left(\frac{1.000}{x} + y\right) + (-1.000) \cdot \sin\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) \cdot 3.000 \cdot x^{2.000} + ((-1.000$$

Calculating the 3 derivation of the expression:
1 step: finding a derivation of function:

$$1.000$$

here it is:

$$0.000$$

2 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

3 step: finding a derivation of function:

$$x^{2.000}$$

here it is:

$$2.000 \cdot x$$

4 step: finding a derivation of function:

$$(-1.000)$$

here it is:

$$0.000$$

5 step: finding a derivation of function:

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

here it is:

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

6 step: finding a derivation of function:

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

here it is:

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

7 step: finding a derivation of function:

$$y$$

here it is:

$$1.000$$

8 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

9 step: finding a derivation of function:

$$1.000$$

here it is:

$$0.000$$

10 step: finding a derivation of function:

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

here it is:

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

11 step: finding a derivation of function:

$$(\frac{1.000}{x} + y)$$

here it is:

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

12 step: finding a derivation of function:

$$\sin{(\frac{1.000}{x} + y)}$$

here it is:

$$\cos\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right)$$

13 step: finding a derivation of function:

$$(-1.000)$$

here it is:

$$0.000$$

14 step: finding a derivation of function:

$$(-1.000) \cdot \sin\left(\frac{1.000}{x} + y\right)$$

here it is:

$$(-1.000) \cdot \cos\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right)$$

15 step: finding a derivation of function:

$$(-1.000) \cdot \sin\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right)$$

here it is:

$$(-1.000) \cdot \cos\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}} \cdot (-1.0$$

16 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

17 step: finding a derivation of function:

$$x^{2.000}$$

here it is:

$$2.000 \cdot x$$

18 step: finding a derivation of function:

$$3.000$$

here it is:

$$0.000$$

19 step: finding a derivation of function:

$$3.000 \cdot x^{2.000}$$

here it is:

$$3.000 \cdot 2.000 \cdot x$$

20 step: finding a derivation of function:

$$3.000 \cdot x^{2.000} \cdot (-1.000) \cdot \sin\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right)$$

here it is:

$$3.000 \cdot 2.000 \cdot x \cdot (-1.000) \cdot \sin\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) + ((-1.000) \cdot \cos\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} +$$

21 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

22 step: finding a derivation of function:

$$x^{3.000}$$

here it is:

$$3.000 \cdot x^{2.000}$$

23 step: finding a derivation of function:

$$y$$

here it is:

$$1.000$$

24 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

25 step: finding a derivation of function:

$$1.000$$

here it is:

$$0.000$$

26 step: finding a derivation of function:

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

here it is:

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

27 step: finding a derivation of function:

$$(\frac{1.000}{x} + y)$$

here it is:

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

28 step: finding a derivation of function:

$$\sin{(\frac{1.000}{x} + y)}$$

here it is:

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

29 step: finding a derivation of function:

$$(-1.000)$$

here it is:

$$0.000$$

30 step: finding a derivation of function:

$$(-1.000) \cdot \sin{(\frac{1.000}{x} + y)}$$

here it is:

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

31 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

32 step: finding a derivation of function:

$$(x^{2.000})$$

here it is:

$$2.000 \cdot x$$

33 step: finding a derivation of function:

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

here it is:

$$2.000 \cdot x^{2.000} \cdot 2.000 \cdot x$$

34 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

35 step: finding a derivation of function:

$$2.000$$

here it is:

$$0.000$$

36 step: finding a derivation of function:

$$2.000 \cdot x$$

here it is:

$$2.000$$

37 step: finding a derivation of function:

$$(-1.000)$$

here it is:

$$0.000$$

38 step: finding a derivation of function:

$$(-1.000) \cdot 2.000 \cdot x$$

here it is:

$$-2.000$$

39 step: finding a derivation of function:

$$(-1.000)$$

here it is:

$$0.000$$

40 step: finding a derivation of function:

$$(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x$$

here it is:

$$2.000$$

41 step: finding a derivation of function:

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

here it is:

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

42 step: finding a derivation of function:

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

here it is:

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

43 step: finding a derivation of function:

$$1.000$$

here it is:

$$0.000$$

44 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

45 step: finding a derivation of function:

$$x^{2.000}$$

here it is:

$$2.000 \cdot x$$

46 step: finding a derivation of function:

$$(-1.000)$$

here it is:

$$0.000$$

47 step: finding a derivation of function:

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

here it is:

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

48 step: finding a derivation of function:

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

here it is:

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

49 step: finding a derivation of function:

$$1.000$$

here it is:

$$0.000$$

50 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

51 step: finding a derivation of function:

$$x^{2.000}$$

here it is:

$$2.000 \cdot x$$

52 step: finding a derivation of function:

$$(-1.000)$$

here it is:

$$0.000$$

53 step: finding a derivation of function:

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

here it is:

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

54 step: finding a derivation of function:

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

here it is:

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

55 step: finding a derivation of function:

$$y$$

here it is:

$$1.000$$

56 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

57 step: finding a derivation of function:

$$1.000$$

here it is:

$$0.000$$

58 step: finding a derivation of function:

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

here it is:

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

59 step: finding a derivation of function:

$$(\frac{1.000}{x} + y)$$

here it is:

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

60 step: finding a derivation of function:

$$\cos{(\frac{1.000}{x} + y)}$$

here it is:

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

61 step: finding a derivation of function:

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

here it is:

$$(-1.000) \cdot \sin\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}} \cdot \cos\left(\frac{1}{}\right.$$

62 step: finding a derivation of function:

$$(-1.000)$$

here it is:

$$0.000$$

63 step: finding a derivation of function:

$$(-1.000) \cdot \cos\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right)$$

here it is:

$$(-1.000) \cdot ((-1.000) \cdot \sin\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) + \frac{(-1.000) \cdot (-1.000) \cdot 2.00}{\left(x^{2.000}\right)^{2.000}}$$

64 step: finding a derivation of function:

$$(-1.000) \cdot \cos\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right)$$

here it is:

$$(-1.000) \cdot ((-1.000) \cdot \sin\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) + \frac{(-1.000) \cdot (-1.000) \cdot 2.00}{\left(x^{2.000}\right)^{2.000}}$$

65 step: finding a derivation of function:

$$((-1.000) \cdot \cos\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}} \cdot (-1.$$

here it is:

$$(-1.000) \cdot ((-1.000) \cdot \sin\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) + \frac{(-1.000) \cdot (-1.000) \cdot 2.00}{\left(x^{2.000}\right)^{2.000}}$$

66 step: finding a derivation of function:

$$((-1.000) \cdot \cos\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{\left(x^{2.000}\right)^{2.000}} \cdot (-1.$$

here it is:

$$((-1.000) \cdot ((-1.000) \cdot \sin\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) + \frac{(-1.000) \cdot (-1.000) \cdot 2.0}{\left(x^{2.000}\right)^{2.000}}$$

67 step: finding a derivation of function:

$$((-1.000) \cdot \cos{(\frac{1.000}{x} + y)} \cdot (\frac{(-1.000)}{x^{2.000}} + 1.000) \cdot (\frac{(-1.000)}{x^{2.000}} + 1.000) + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{(x^{2.000})^{2.000}} \cdot (-1.$$

here it is:

$$((-1.000) \cdot ((-1.000) \cdot \sin{(\frac{1.000}{x} + y)} \cdot (\frac{(-1.000)}{x^{2.000}} + 1.000) \cdot (\frac{(-1.000)}{x^{2.000}} + 1.000) + \frac{(-1.000) \cdot (-1.000) \cdot 2.00}{(x^{2.000})^{2.000}}$$

68 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

69 step: finding a derivation of function:

$$x^{2.000}$$

here it is:

$$2.000 \cdot x$$

70 step: finding a derivation of function:

$$3.000$$

here it is:

$$0.000$$

71 step: finding a derivation of function:

$$3.000 \cdot x^{2.000}$$

here it is:

$$3.000 \cdot 2.000 \cdot x$$

72 step: finding a derivation of function:

$$1.000$$

here it is:

$$0.000$$

73 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

74 step: finding a derivation of function:

$$x^{2.000}$$

here it is:

$$2.000 \cdot x$$

75 step: finding a derivation of function:

$$(-1.000)$$

here it is:

$$0.000$$

76 step: finding a derivation of function:

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

here it is:

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

77 step: finding a derivation of function:

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

here it is:

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

78 step: finding a derivation of function:

$$y$$

here it is:

$$1.000$$

79 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

80 step: finding a derivation of function:

$$1.000$$

here it is:

$$0.000$$

81 step: finding a derivation of function:

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

here it is:

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

82 step: finding a derivation of function:

$$(\frac{1.000}{x} + y)$$

here it is:

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

83 step: finding a derivation of function:

$$\sin{(\frac{1.000}{x} + y)}$$

here it is:

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

84 step: finding a derivation of function:

$$(-1.000)$$

here it is:

$$0.000$$

85 step: finding a derivation of function:

$$(-1.000) \cdot \sin{(\frac{1.000}{x} + y)}$$

here it is:

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

86 step: finding a derivation of function:

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

here it is:

$$(-1.000) \cdot \cos{(\frac{1.000}{x} + y)} \cdot (\frac{(-1.000)}{x^{2.000}} + 1.000) \cdot (\frac{(-1.000)}{x^{2.000}} + 1.000) + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{(x^{2.000})^{2.000}} \cdot (-1.0$$

87 step: finding a derivation of function:

$$(-1.000) \cdot \sin{(\frac{1.000}{x} + y)} \cdot (\frac{(-1.000)}{x^{2.000}} + 1.000) \cdot 3.000 \cdot x^{2.000}$$

here it is:

$$((-1.000) \cdot \cos{(\frac{1.000}{x} + y)} \cdot (\frac{(-1.000)}{x^{2.000}} + 1.000) \cdot (\frac{(-1.000)}{x^{2.000}} + 1.000) + \frac{(-1.000) \cdot (-1.000) \cdot 2.000 \cdot x}{(x^{2.000})^{2.000}} \cdot (-1.$$

88 step: finding a derivation of function:

$$y$$

here it is:

$$1.000$$

89 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

90 step: finding a derivation of function:

$$1.000$$

here it is:

$$0.000$$

91 step: finding a derivation of function:

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

here it is:

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

92 step: finding a derivation of function:

$$(\frac{1.000}{x} + y)$$

here it is:

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

93 step: finding a derivation of function:

$$\cos{(\frac{1.000}{x} + y)}$$

here it is:

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

94 step: finding a derivation of function:

$$x$$

here it is:

$$1.000$$

95 step: finding a derivation of function:

$$2.000$$

here it is:

$$0.000$$

96 step: finding a derivation of function:

$$2.000 \cdot x$$

here it is:

$$2.000$$

97 step: finding a derivation of function:

$$3.000$$

here it is:

$$0.000$$

98 step: finding a derivation of function:

$$3.000 \cdot 2.000 \cdot x$$

here it is:

$$6.000$$

99 step: finding a derivation of function:

$$3.000 \cdot 2.000 \cdot x \cdot \cos(\frac{1.000}{x} + y)$$

here it is:

$$6.000 \cdot \cos(\frac{1.000}{x} + y) + (-1.000) \cdot \sin(\frac{1.000}{x} + y) \cdot (\frac{(-1.000)}{x^{2.000}} + 1.000) \cdot 3.000 \cdot 2.000 \cdot x$$

100 step: finding a derivation of function:

$$3.000 \cdot 2.000 \cdot x \cdot \cos(\frac{1.000}{x} + y) + (-1.000) \cdot \sin(\frac{1.000}{x} + y) \cdot (\frac{(-1.000)}{x^{2.000}} + 1.000) \cdot 3.000 \cdot x^{2.000}$$

here it is:

$$6.000 \cdot \cos(\frac{1.000}{x} + y) + (-1.000) \cdot \sin(\frac{1.000}{x} + y) \cdot (\frac{(-1.000)}{x^{2.000}} + 1.000) \cdot 3.000 \cdot 2.000 \cdot x + ((-1.000) \cdot \cos($$

101 step: finding a derivation of function:

$$3.000 \cdot 2.000 \cdot x \cdot \cos(\frac{1.000}{x} + y) + (-1.000) \cdot \sin(\frac{1.000}{x} + y) \cdot (\frac{(-1.000)}{x^{2.000}} + 1.000) \cdot 3.000 \cdot x^{2.000} + ((-1.000$$

here it is:

$$6.000 \cdot \cos\left(\frac{1.000}{x} + y\right) + (-1.000) \cdot \sin\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) \cdot 3.000 \cdot 2.000 \cdot x + ((-1.000) \cdot \cos($$

Finally... The 3 derivation of the expression:

$$6.000 \cdot \cos\left(\frac{1.000}{x} + y\right) + (-1.000) \cdot \sin\left(\frac{1.000}{x} + y\right) \cdot \left(\frac{(-1.000)}{x^{2.000}} + 1.000\right) \cdot 3.000 \cdot 2.000 \cdot x + ((-1.000) \cdot \cos($$

BRITISH SCIENTISTS WERE SHOCKED, WHEN THEY COUNT THE 3 DERIVATION OF THIS EXPRESSION!!! IN THE POINT (x = 3.000, y = 1.000)IT'S VALUE = -47.008 !!!

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

$$3.000 \cdot x^{2.000} \cdot \cos\left(\frac{1.000}{x} + 1.000\right) + (-1.000) \cdot \sin\left(\frac{1.000}{x} + 1.000\right) \cdot \frac{(-1.000)}{x^{2.000}} \cdot x^{3.000}$$

IN THE POINT (x = 3.000, y = 1.000) IT'S VALUE = 9.267228 !!!

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

$$27.000 \cdot (-1.000) \cdot \sin(0.333 + y)$$

IN THE POINT (x = 3.000, y = 1.000) IT'S VALUE = -26.242323 !!!

Full derivation:

$$\sqrt{\left(3.000 \cdot x^{2.000} \cdot \cos\left(\frac{1.000}{x} + 1.000\right) + (-1.000) \cdot \sin\left(\frac{1.000}{x} + 1.000\right) \cdot \frac{(-1.000)}{x^{2.000}} \cdot x^{3.000}\right)^{2.000} + (27.000 \cdot (-}$$

IN THE POINT (x = 3.000, y = 1.000)IT'S VALUE = 27.831 !!!

Let's consider the expression as a function of x variable: f(x) =

$$x^{3.000} \cdot \cos\left(\frac{1.000}{x} + 1.000\right)$$

Maklorens formula for x near to 3.000000:

$$6.351 + 9.267 \cdot (x - 3.000) + 4.022 \cdot (x - 3.000)^{2.000} + 0.540 \cdot (x - 3.000)^{3.000} + 0.000 \cdot (x - 3.000)^{4.000}$$

And remainig member is o maloe from:

$$(x - 3.000)^{4.000}$$

Graph f(x):

Tangent equation in point -2.000: f(x) =

$$9.572 \cdot (x - (-2.000)) + (-7.021)$$

Normal equation in point -2.000: f(x) =

$$(-0.104) \cdot (x - (-2.000)) + (-7.021)$$