

Sarcină: a scrie un program C pentru expresia aritmetică dată, ținând cont de precedența operațiilor.

Nivel de bază

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| 1 | $R = 3t^2 + 3l^5 + 4.9$ | 16 | $S = \sqrt{\cos 4y^2 + 7,151}$ |
| 2 | $K = \ln(p^2 + y^3) + e^p$ | 17 | $N = 3y^2 + \sqrt{y+1}$ |
| 3 | $G = n(y + 3,5) + \sqrt{y}$ | 18 | $Z = 3y^2 + \sqrt{y^3 + 1}$ |
| 4 | $D = 9,8a^2 + 5,52\cos t^5$ | 19 | $P = n\sqrt{y^3 + 1,09g}$ |
| 5 | $L = 1,51\cos x^2 + 2x^3$ | 20 | $U = e^{k+y} + \operatorname{tg}x\sqrt{y}$ |
| 6 | $M = \cos 2y + 3,6e^x$ | 21 | $P = e^{y+5,5} + 9,1h^3$ |
| 7 | $N = m^2 + 2,8 m + 0,55$ | 22 | $T = \sin(2u)\ln(2y^2 + \sqrt{x})$ |
| 8 | $T = \sqrt{ 6y^2 - 0,1y + 4 }$ | 23 | $G = e^{2y} + \sin(f)$ |
| 9 | $V = \ln(y + 0,95) + \sin x^4$ | 24 | $F = 2\sin(0,214y^5 + 1)$ |
| 10 | $U = e^y + 7,355k^2 + \sin^2 x$ | 25 | $G = e^{2y} + \sin(f^2)$ |
| 11 | $S = 9,756y^7 + 2\operatorname{tg}x$ | 26 | $Z = \sin(p^2 + 0,4)^3$ |
| 12 | $K = 7t^2 + 3\sin x^3 + 9,2$ | 27 | $W = 1,03v + e^{2y} + \operatorname{tg} x $ |
| 13 | $E = \sqrt{ 3y^2 + 0,5y + 4 }$ | 28 | $T = e^{y+h} + \sqrt{ 6,4y }$ |
| 14 | $R = \left \sqrt{\sin^2 y + 6,835} + e^x \right $ | 29 | $N = 3y^2 + \sqrt{ y+1 }$ |
| 15 | $H = \sin y^2 - 2,8y + \sqrt{ y }$ | 30 | $W = e^{y+r} + 7,2\sin r$ |

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Nivel intermediar

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| 1 | $G = \frac{e^{2y} + \sin f}{\ln(3,8y + f)}$ | 16 | $W = \frac{4t^3 + \ln r}{e^{y+r} + 7,2 \sin r}$ |
| 2 | $F = \ln d + \frac{3,5d^2 + 1}{\cos 2y}$ | 17 | $H = \frac{y^2 - 0,8y + \sqrt{y}}{23,1n^2 + \cos n}$ |
| 3 | $U = \frac{\ln(k - y) + y^4}{e^y + 2,355k^2}$ | 18 | $R = \frac{\sqrt{\sin^2 y + 6,835}}{\ln(y + k) + 3y^2}$ |
| 4 | $G = \frac{9,33w^3 + \sqrt{w}}{\ln(y + 3,5) + \sqrt{y}}$ | 19 | $E = \frac{\ln(0,7y + 2q)}{\sqrt{3y^2 + 0,5y + 4}}$ |
| 5 | $D = \frac{7,8a^2 + 3,52t}{\ln(a + 2y) + e^y}$ | 20 | $K = \frac{2t^2 + 3l + 7,2}{\ln y + e^{2l}}$ |
| 6 | $L = \frac{0,81 \cos i}{\ln y + 2i^3}$ | 21 | $Q = \frac{\sqrt{k + 2,6p \sin k}}{x - d^3}$ |
| 7 | $N = \frac{m^2 + 2,8m + 0,355}{\cos 2y + 3,6}$ | 22 | $S = \frac{4,351y^3 + 2t \ln t}{\sqrt{\cos 2y + 4,351}}$ |
| 8 | $T = \frac{2,37 \sin(t + 1)}{\sqrt{4y^2 - 0,1y + 5}}$ | 23 | $R = \frac{\sin^2 y + 0,3d}{e^y + \ln d}$ |
| 9 | $V = \frac{(y + 2w)^3}{\ln(y + 0,75)}$ | 24 | $U = \frac{\ln(2k + 4,3)}{e^{k+y} + \sqrt{y}}$ |
| 10 | $Z = \frac{2t + y \cos t}{\sqrt{y + 4,831}}$ | 25 | $L = \cos^2 c + \frac{3t^2 + 4}{\sqrt{c + t}}$ |
| 11 | $D = y^2 + \frac{0,5n + 4,8}{\sin y}$ | 26 | $T = \frac{\sin 2u}{\ln(2y + u)}$ |
| 12 | $R = \frac{\sin(2t + 1)^2 + 0,3}{\ln(t + y)}$ | 27 | $Z = \frac{\sin(p + 0,4)^2}{y^2 + 7,325p}$ |
| 13 | $A = \frac{\sin(2y + h) + h^2}{e^h + y}$ | 28 | $W = \frac{0,004v + e^{2y}}{e^{\frac{y}{2}}}$ |
| 14 | $P = \frac{e^{y+2,5} + 7,1h^3}{\ln \sqrt{y + 0,04h}}$ | 29 | $T = \frac{0,355h^2 - 4,355}{e^{y+h} + \sqrt{2,7y}}$ |
| 15 | $F = \frac{2 \sin(0,354y + 1)}{\ln(y + 2j)}$ | 30 | $N = \frac{3y^2 + \sqrt{y + 1}}{\ln(p + y) + e^p}$ |

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Nivel înalt

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| 1 | $L = \frac{\sqrt{e^x - \cos^4(x^2 a^5)} + \operatorname{arctg}^4(a - x^5)}{e\sqrt{ a + xc^4 }}$ | 16 | $P = \frac{\sin^3 x + \ln(2y + 3x)}{t^e + \sqrt{x}}$ |
| 2 | $L = \operatorname{ctg}^2 c + \frac{2x^2 + 5}{\sqrt{c + t}}$ | 17 | $T = \frac{\sqrt{x + b - a} + \ln y}{\operatorname{arctg}(b + a)}$ |
| 3 | $A = \frac{\operatorname{tg}(y^3 - h^4) + h^2}{\sin^3 h + y}$ | 18 | $S = \frac{4,351y^3 + 2t \ln t}{\sqrt{\cos 2y + 4,351}}$ |
| 4 | $F = \frac{\sqrt{(2 + y)^2 + \sqrt[3]{\sin(y + 5)}}}{\ln(x + 1) - y^3}$ | 19 | $D = \frac{K^{-\operatorname{arx}} - a\sqrt{6} - \cos(3ab)}{\sin^2(a \cdot \arcsin x + \ln y)}$ |
| 5 | $G = \frac{\operatorname{tg}(x^4 - 6) - \cos^3(z + xy)}{\cos^4 x^3 c^2}$ | 20 | $U = \frac{\operatorname{tg}^3 y + \sin^5 x \sqrt{b - c}}{\sqrt{a - b + c}}$ |
| 6 | $K = \frac{\sqrt{x + b - a} + \ln(y)}{\operatorname{arctg}(b + a)}$ | 21 | $N = \frac{\sqrt[5]{z + \sqrt{zx}}}{e^x + a^5 \operatorname{arctg} x}$ |
| 7 | $D = \frac{\cos(x^3 + 6) - \sin(y - a)}{\ln x^4 - 2 \sin^5 x}$ | 22 | $F = \cos(x^2 + 2) + \frac{3.5x^2 + 1}{\cos^2 y}$ |
| 8 | $P = \frac{a^5 + \sin^4(y - c)}{\sin^3(x + y) + x - y }$ | 23 | $F = \frac{\sqrt{ x + \cos^3 x + z^4}}{\ln x - \arcsin(bx - a)}$ |
| 9 | $R = \frac{\cos^3 y + 2^x d}{e^y + \ln(\sin^2 x + 7.4)}$ | 24 | $f = \frac{\cos^7 bx^5 - (\sin a^2 + \cos(x^3 + z^5 - a^2))}{\arcsin a^2 + \arccos(x^7 - a^2)}$ |
| 10 | $U = \frac{e^{x^2} + \cos^2(x - 4)}{\operatorname{arctg} x + 5.2y}$ | 25 | $J = \frac{\operatorname{ctg}^3 a^3 + \operatorname{arctg}^2 a}{\sqrt{y^{\operatorname{tg} x}}}$ |
| 11 | $I = \frac{2.33 \ln \sqrt{1 + \cos^2 y}}{e^y + \sin^2 x}$ | 26 | $U = \frac{\ln(x^3 + y) - y^4}{e^y + 5.4k^3}$ |
| 12 | $G = \frac{\cos^2 y + x - (x + y)}{\operatorname{arctg}^4(x + a)x^5}$ | 27 | $P = \frac{a^5 + \arccos(a + x^3) - \sin^4(y - c)}{\sin^3(x + y) + x - y }$ |
| 13 | $R = \frac{a}{x - a} + \frac{b^x + \cos^3 x}{\log^3 a + 4.5}$ | 28 | $G = \frac{\operatorname{tg}(x^4 - 6) - \cos^{3x}(z + x^3 y)}{\cos^2 x^3 c^2}$ |
| 14 | $R = \frac{\sin(x^2 + 4)^3 + 4.3}{\sin^3 x^4}$ | 29 | $R = \frac{\cos^2 y + 2.4d}{e^y + \ln(\sin^2 x + 6)}$ |
| 15 | $N = \frac{m^2 + 2.8m + 0.355}{\cos 2y + 3.6}$ | 30 | $K = \frac{\sqrt{(3 + x)^6} - \ln x}{e^0 + \arcsin 6x^2}$ |