Головна програма

$$\text{Початок}$$

$$y = 4$$

$$Input: x$$

$$tmp = \delta(x, y)$$

$$Output: tmp$$

$$\text{Кінець}$$

Функції

$$a(x, y)$$

$$tmp = x^2 + y^2 + \sqrt{xy}$$

$$return(tmp)$$

$$b(x, y)$$

$$tmp = \frac{2}{3}(x^2 + y^2) + e^2$$

$$return(tmp)$$

$$c(x, y)$$

$$tmp = (x + y)^2 \ln|xy|$$

$$return(tmp)$$

Функція δ

$$\delta(x, y)$$

$$temp = xy$$

$$temp > 0 \;\rightarrow\; tmp = a(x, y)$$

$$temp < 0 \;\rightarrow\; tmp = c(x, y)$$

$$tmp = b(x, y)$$

$$return(tmp)$$