

[F23] Differential Equations | Computational Assignment 1.2

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$$y' = y + \frac{e^x}{x}, \quad y(1) = 1, \quad x \in [1; 3]$$

$$y = e^x \ln x + (y_0 - e^{x_0} \ln x_0) e^{x-x_0} = e^x \ln(x) + e^{x-1}$$

