For ODE looks like:

$$\frac{1}{x^2}\frac{\partial}{\partial x}x^2\frac{\partial \phi}{\partial x} = e^{-\phi} \tag{1}$$

you can depart it to a system of first-order differential equations like:

$$\frac{d\phi}{dx} = \frac{F}{x^2} \tag{2}$$

$$\frac{dF}{dx} = x^2 e^{-\phi} \tag{3}$$

And then, you can go to the *example.py* to see how to apply the *ode.py*