1. Maple Assignment

The sample MAPLE worksheet `OED1.mws` on the website is set up to solve the linear differential equation

$$y' + y - \cos x = 0$$

Modify the worksheet to solve the initial value problem

$$(x^2 + 1)\frac{dy}{dx} + 3x(y - 1) = 0, \qquad y(0) = 2$$

The MAPLE software is installed in the computer lab in the library, and in 308 Stanger.

You should submit your spreadsheet to the drop box associated with this assignment on eLearn (Maple).

Before submitting the maple worksheet file, please remove any output using the `Remove Output` item under the `Edit` pulldown menu.