

EE202 Numerical Methods for Engineers
Laboratory Assignment: 6

** Find solutions of the following questions in Matlab:

Question 1:

Solve $\frac{dy}{dx} = \frac{y \ln y}{x}$ and $y(2) = e$ from $x=2$ to $x=3$ with size $h=0.1$.

Question 2:

Solve $\frac{dy}{dx} = \sin(x+y) - e^x$ and $y(0) = 4$ from $x=0$ to $x=3.2$ with steps $h=0.1$.