Problem 1a:

Sketch the slop field by hand for the differential equation dx/dt = 1 -0.5t and sketch by hand the solution to the initial value problem corresponding to the initial conditions x(0) = 1

Problem 1b:

By hand sketch the solution to the differential equation over the VectorPlot corresponding to the initial condition x(0)=1

Problem 1 c :

By hand sketch or highlight the solution over the StreamPlot corresponding to the initial condition x(0) = 1

