1. (**5 Points**) Draw a simple factor graph by hand or with a computer program, such as PowerPoint, that meets the following criteria.

   - Three pose states x_0, x_1, and x_2.
   - Two landmarks, ℓ_0 and ℓ_1, marked by a 2D position.
   - Four range and bearing measurements as follows:
     - $y^{rb}_{0,0}$: between pose x_0 and landmark ℓ_0
     - $y^{rb}_{0,1}$: between pose x_0 and landmark ℓ_1
     - $y^{rb}_{1,1}$: between pose x_1 and landmark ℓ_1
     - $y^{rb}_{2,1}$: between pose x_2 and landmark ℓ_1
   - Odometry measurements $y^{o}_{i,i+1}$ between successive poses.
   - Loop closure constraint as odometry-like measurement $y^{lc}_{0,2}$ between pose states x_0 and x_2.