PH201 Postlab 4: Projectile Motion LBCC

1. What were sources of experimental error (variability) in your experiments for this lab?

2. Look at the video (https://www.youtube.com/watch?v=jDwbjHV8jLo) and pick **one** of the scenarios. Describe the scenario with a picture and calculate the initial velocity required for Havard Rugland to kick the football in the situation that you picked. You may need to make assumptions about the height distance and angle of the kick but be as realistic as possible – e.g. guess the angle from the video, look up the height of a basketball hoop, etc. Show all your working.