# Environment Setup:

1. Download Python Version 3.8.0
2. Download PyCharm
3. Clone this git repository
4. Open the git repository as a PyCharm Project
5. In PyCharm:
   1. Create a python interpreter using version 3.8.0
   2. Sync with requirements.txt

# Project Tasks

1. Figure out camera parameters for depth and rgb cameras
2. Generate a point cloud from the rgb cameras using camera matrices
   1. Do the point clouds look reasonable?
3. Generate a point cloud using the depth image with Open3D
4. Compare both point clouds