Task 3

Epipoles:

- An epipole is the point of intersection of the line joining the camera centers (the baseline) with the image planes.

- The epipole is the vanishing point of the line of sight from one camera in the image of the other camera. All epipolar lines in an image intersect at the epipole.

Epipolar Lines:

- Epipolar lines are lines in the image planes where corresponding points must lie.

- Given a point in one image, its corresponding epipolar line in the other image is the line along which the corresponding point must lie.

- This line is determined by the geometry of the two cameras and the position of the 3D point in space.