Task 1:

FindChessboardCorners:
https://docs.opencv.org/3.4/d9/d0c/group__calib3d.html#ga93efa9b0aa890de240ca32b11253dd4a

cornerSubPix:
https://docs.opencv.org/4.x/dd/d1a/group__imgproc__feature.html#ga354e0d7c86d0d9da75de9b9701a9a87e

drawChessboardCorners
https://docs.opencv.org/3.4/d9/d0c/group__calib3d.html#ga6a10b0bb120c4907e5eabbcd22319022

detectMarkers:
https://docs.opencv.org/4.x/d2/d1a/classcv_1_1aruco_1_1ArucoDetector.html#a0c1d14251bf1cbb06277f49cfe1c9b61

drawDetectedMarkerCorners:
https://docs.opencv.org/4.x/de/d67/group__objdetect__aruco.html#ga2ad34b0f277edebb6a132d3069ed2909

Task 3:
calibrateCamera:
https://docs.opencv.org/3.4/d9/d0c/group__calib3d.html#ga3207604e4b1a1758aa66acb6ed5aa65d

Task 4:
Calculate the Current Position of the Camera:
https://docs.opencv.org/3.4/d9/d0c/group__calib3d.html#ga549c2075fac14829ff4a58bc931c033d

Task 5:
projectPoints:
https://docs.opencv.org/3.4/d9/d0c/group__calib3d.html#ga549c2075fac14829ff4a58bc931c033d