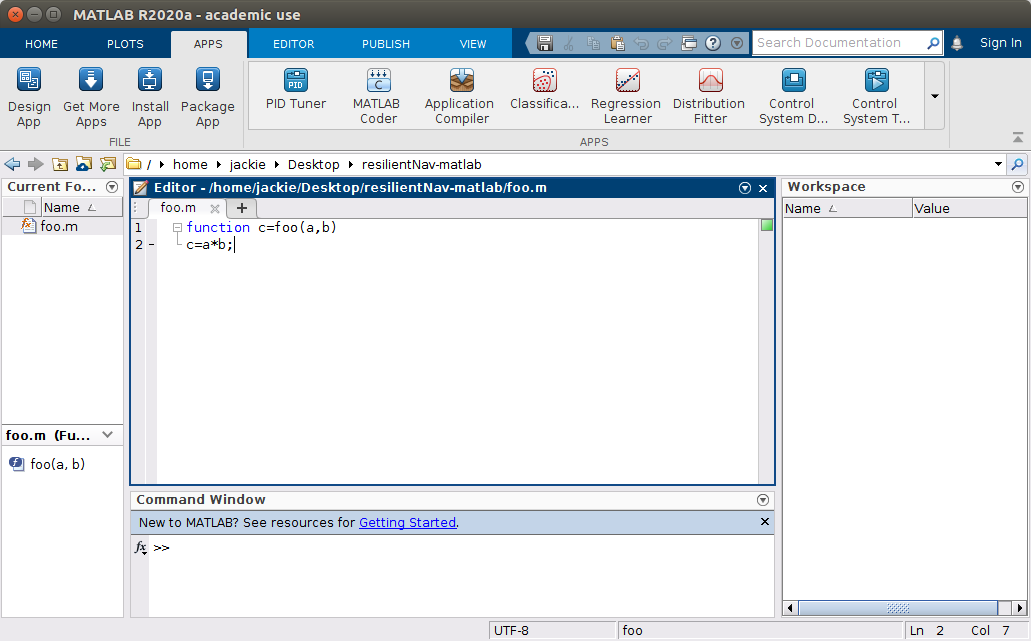
# Environment



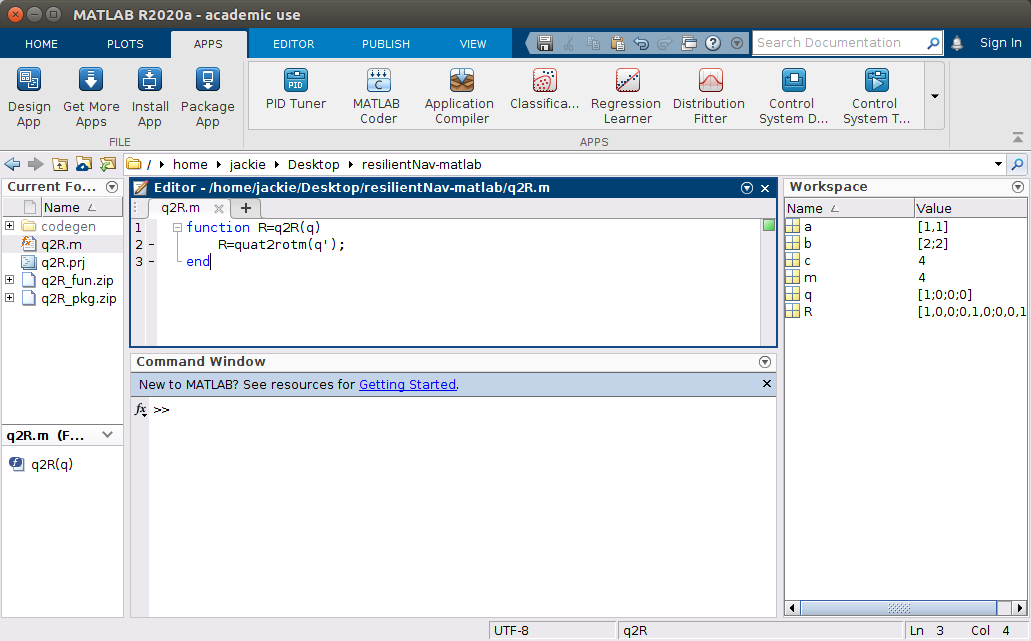


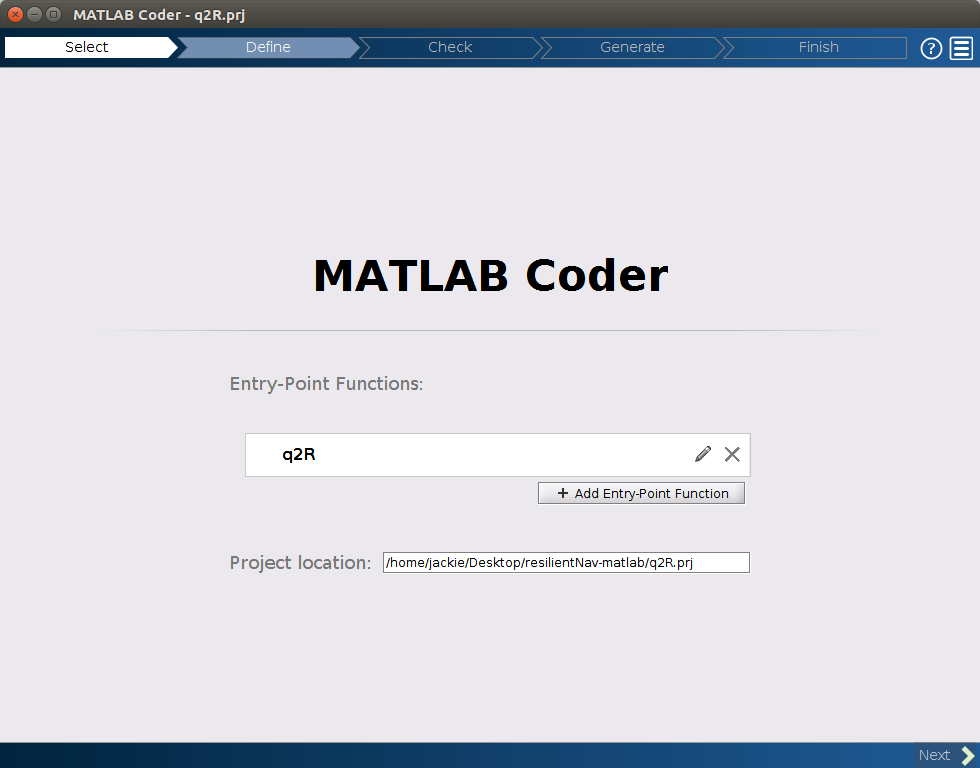
# Generate c++ function from MATLAB function and using it in ROS workspace(such as catkin\_ws)

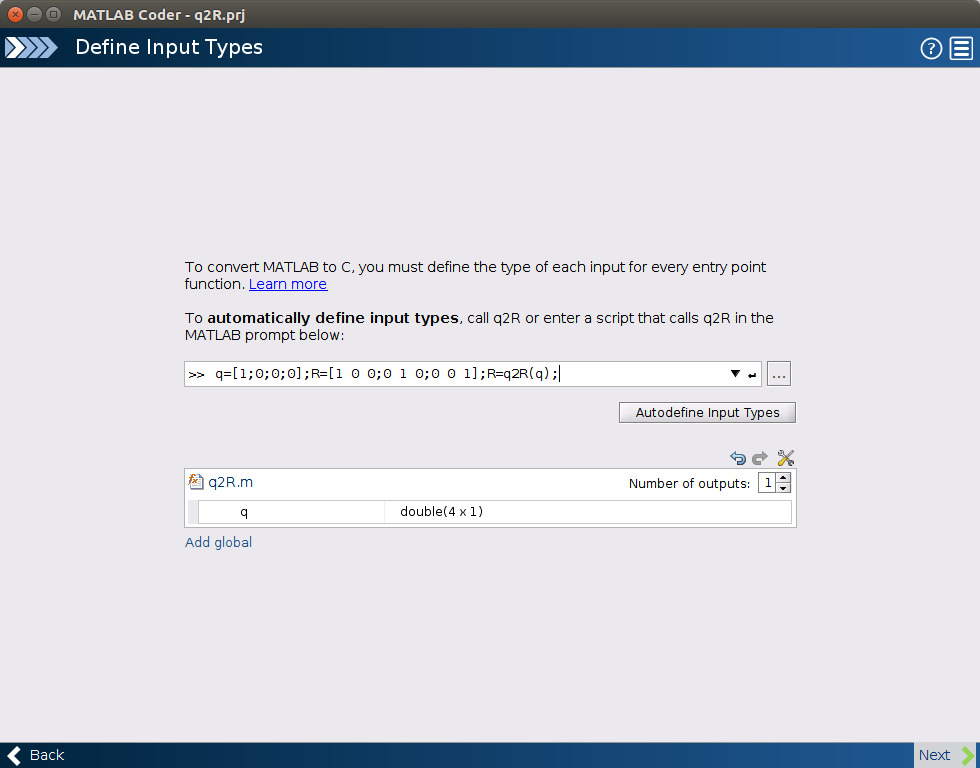
## edit function in MATLAB

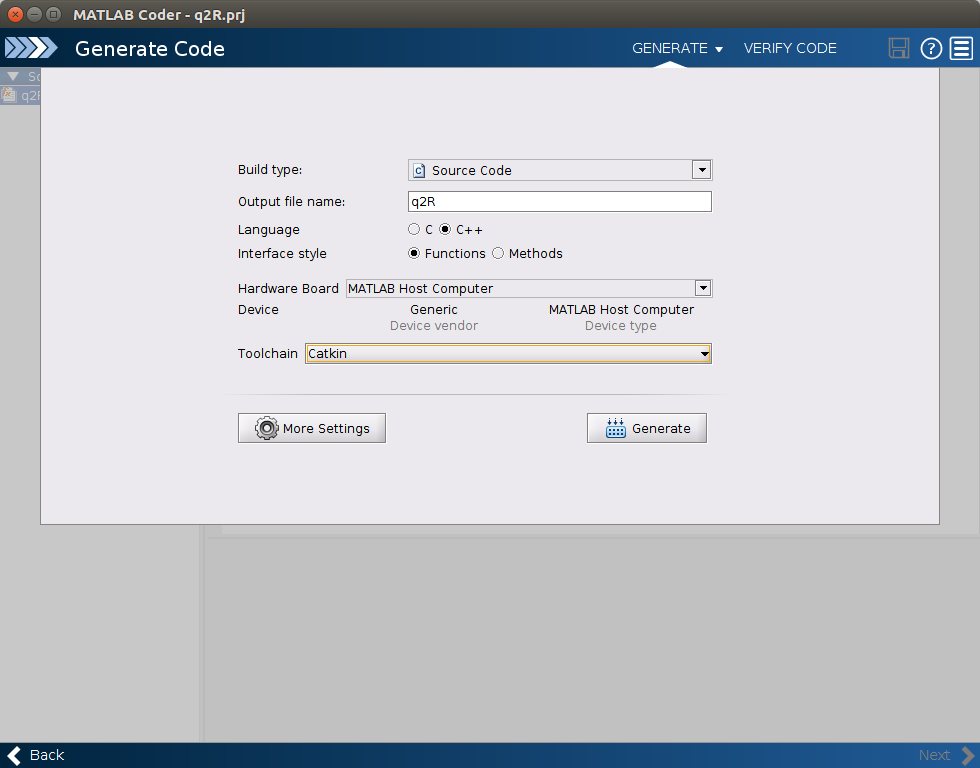
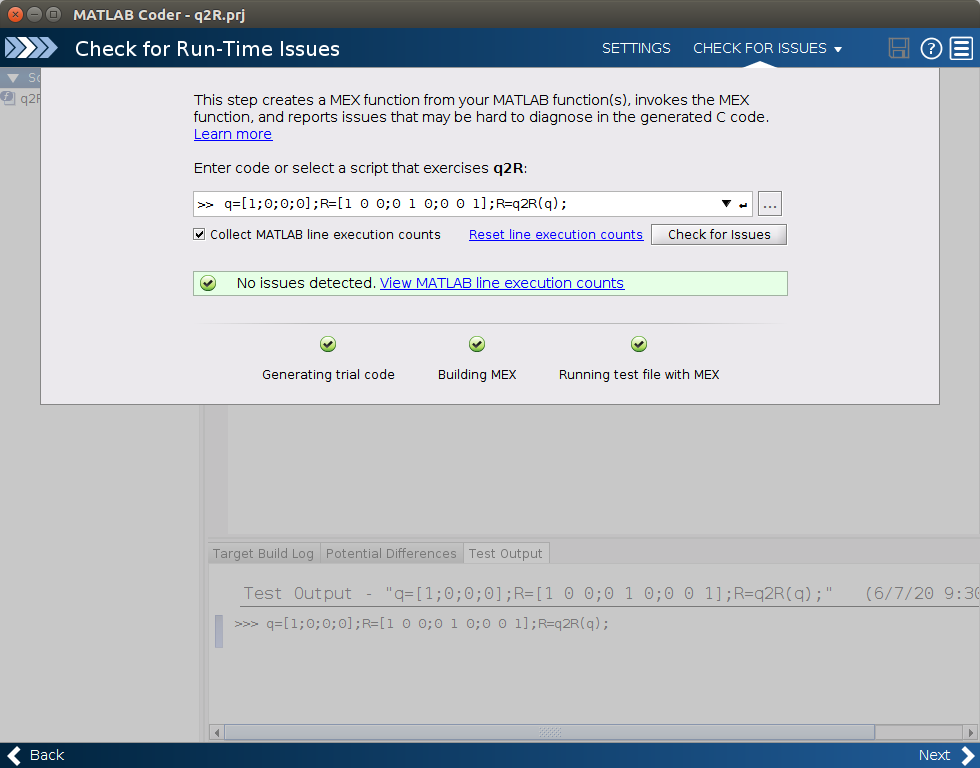
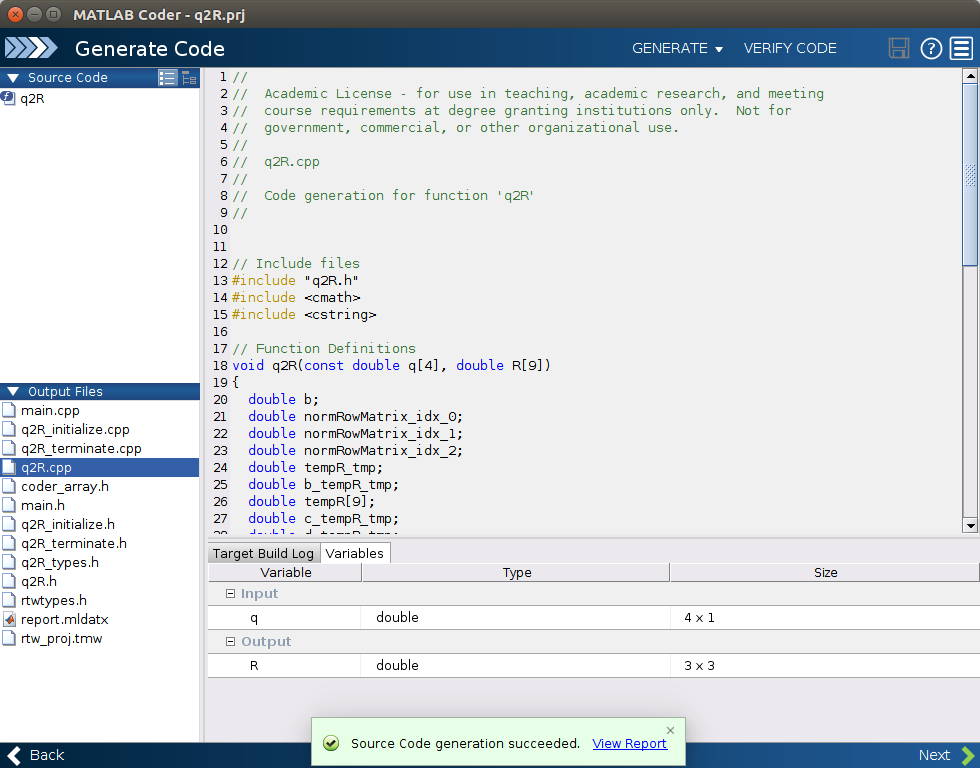


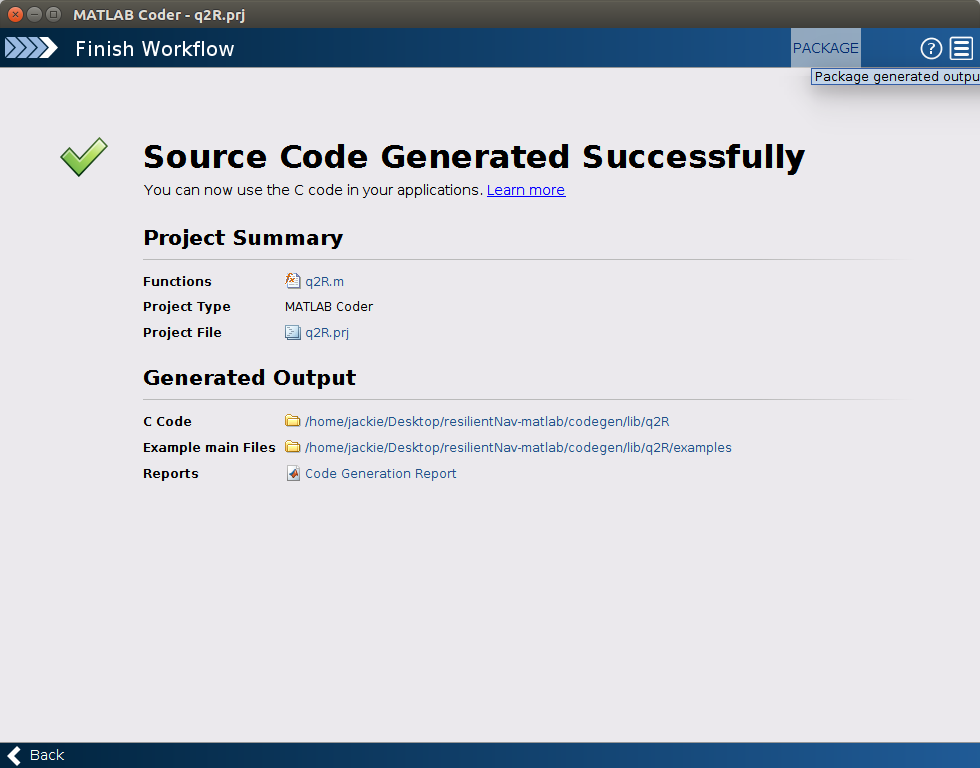
## use MATLAB Coder to generate c++ code

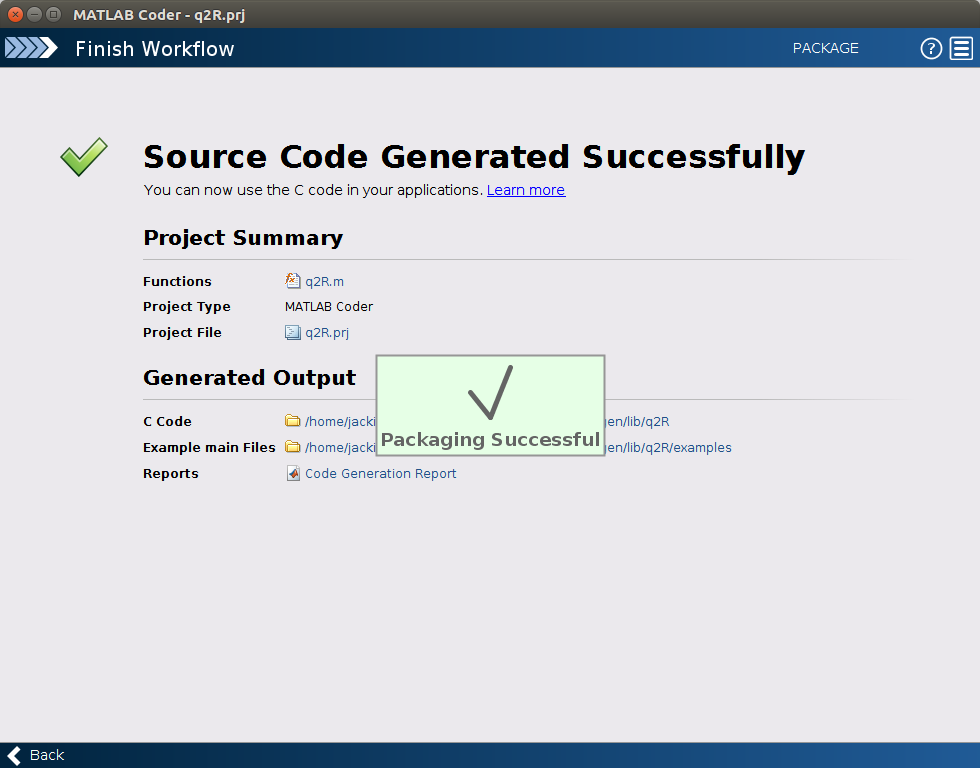




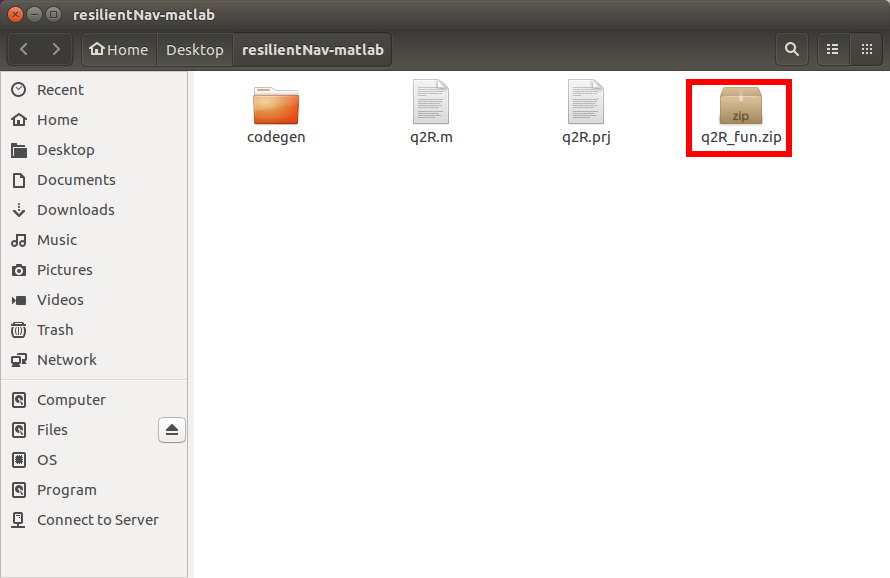


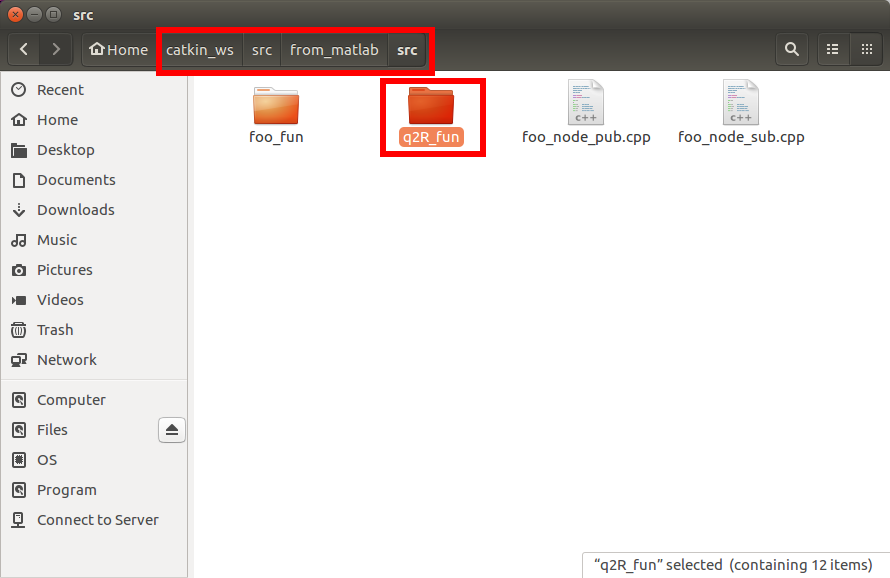
  


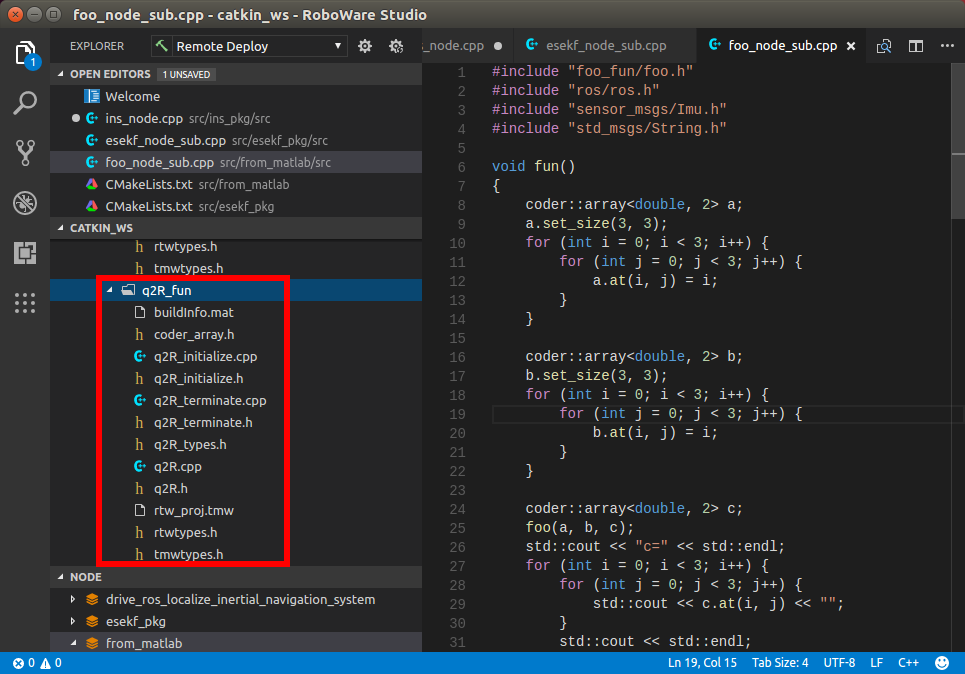


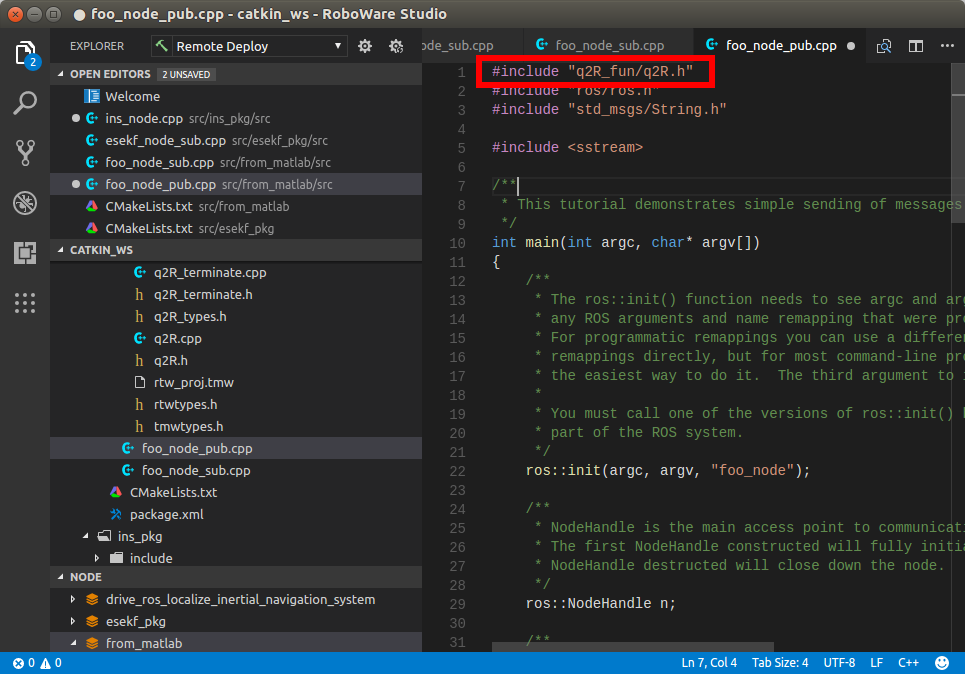


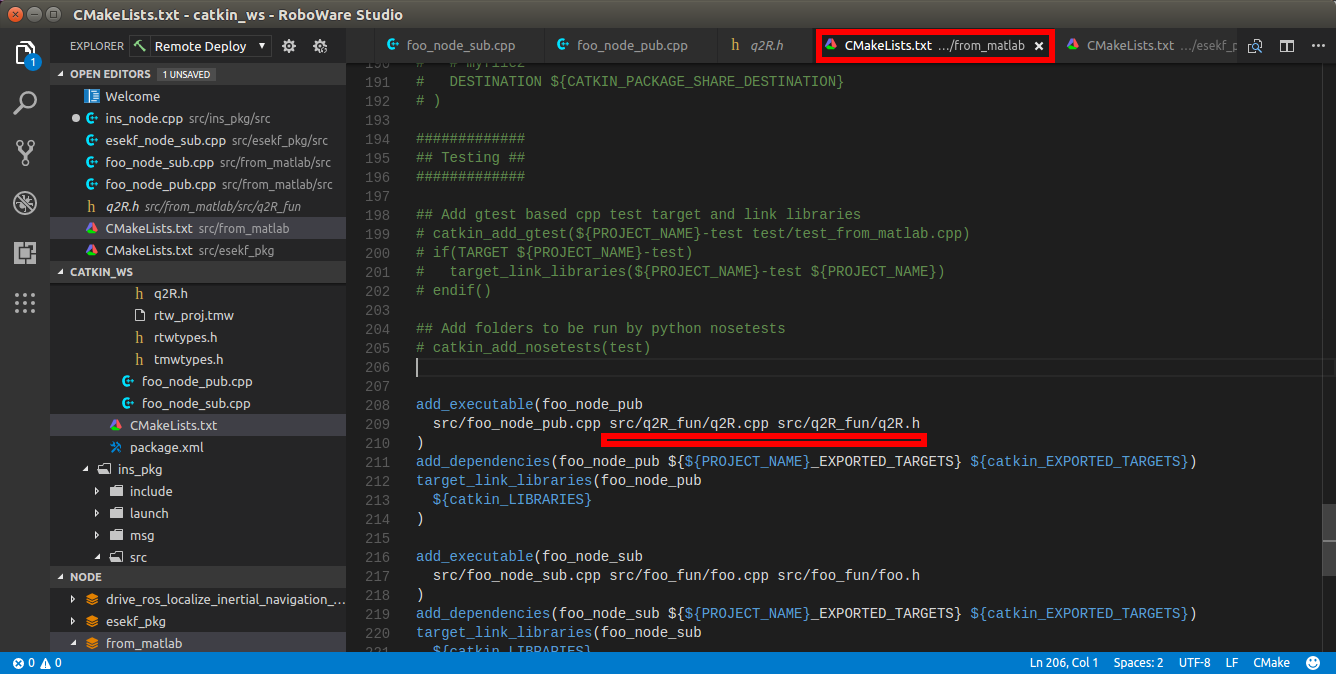
## Use q2R\_fun c++ code in ROS workspace

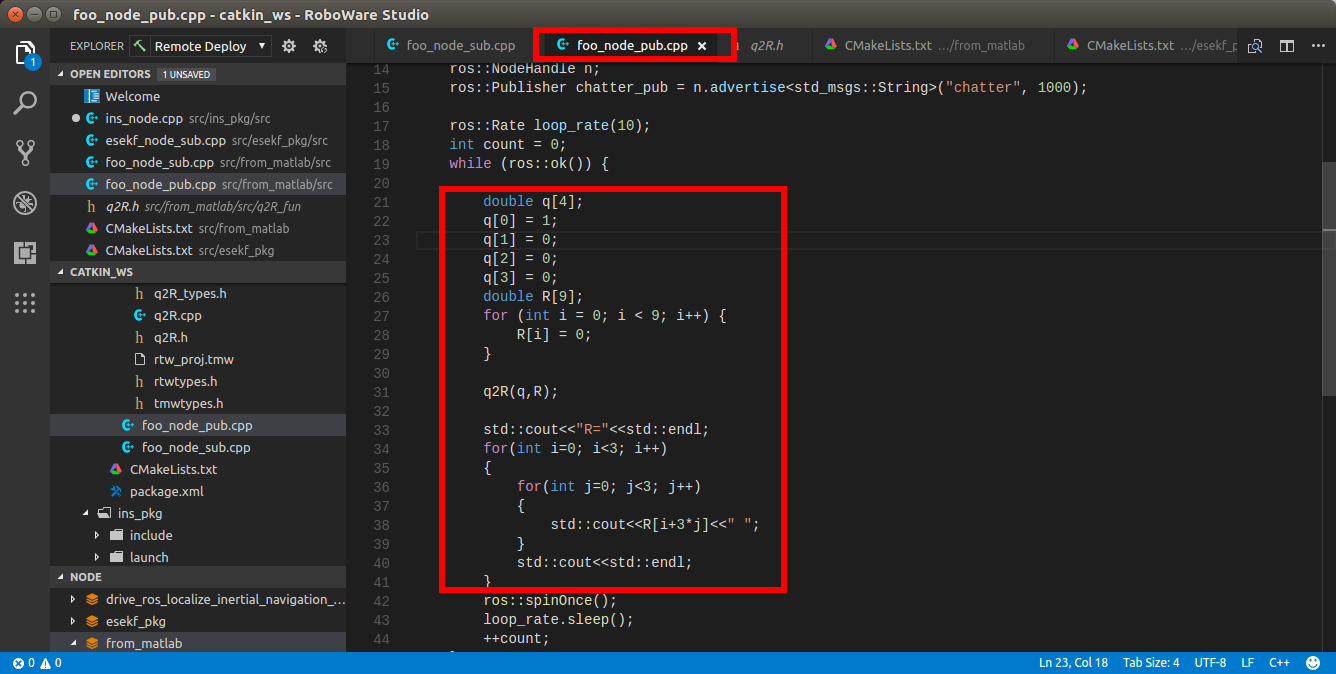


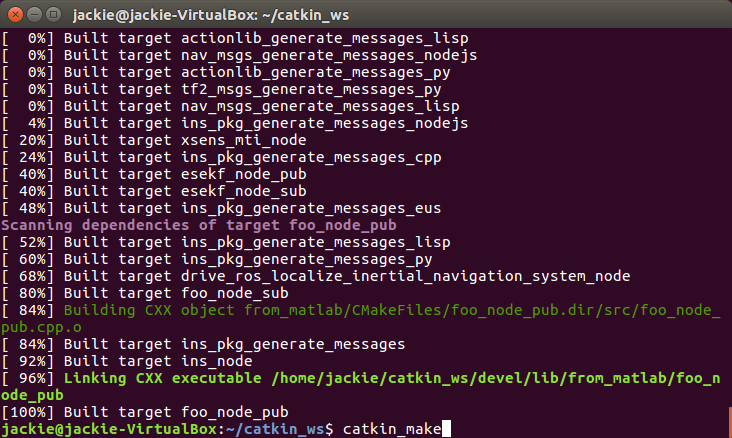


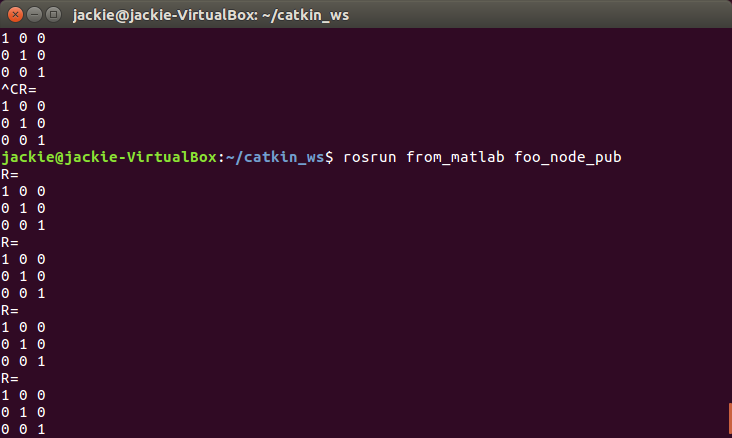












I succeed, and I may you succeed!