```
Camera coordinates in world:
 [[-0.64278761 -0.76604444 0.
                                         2.
                                        2.477057721
 [ 0.71984631 -0.60402277 -0.34202014
 [ 0.26200263 -0.21984631 0.93969262
                                        1.96575305]
 [ 0.
               0.
                           0.
                                        1.
World coordinates in camera:
 [[-0.64278761 0.71984631 0.26200263 -1.01255811]
 [-0.76604444 -0.60402277 -0.21984631
                                        3.460451721
              -0.34202014 0.93969262 -1.
 [ 0.
                                                  ]]
                           0.
 [ 0.
               0.
                                        1.
Object position in the world space:
 [[2.]
 [3.]
 [4.]
 [1.]]
Object position in the camera space:
 [[ 0.90941612]
 [-0.76309073]
 [ 1.73271005]]
```

