```
Average reward for 25 episodes is 0.0

Average reward for 50 episodes is 0.04

Average reward for 75 episodes is 0.0

Average reward for 100 episodes is 0.25

Average reward for 125 episodes is 0.192

Average reward for 125 episodes is 0.48666666666667

Average reward for 150 episodes is 0.48666666666667

Average reward for 175 episodes is 0.7485714285714286

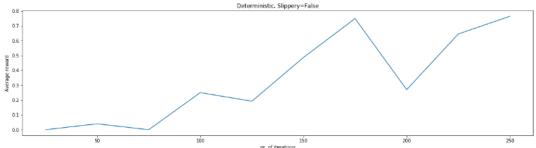
Average reward for 200 episodes is 0.27

Average reward for 200 episodes is 0.64444444444445

Average reward for 250 episodes is 0.764

Out[303]: <function matplotlib.pyplot.show(*args, **kw)>

Deterministic.Shippery=False
```

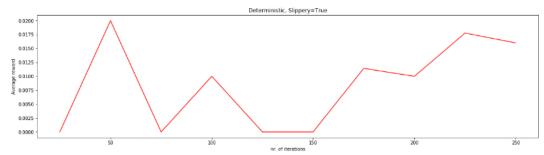


```
qtable after training
 [[0.
            0.59049 0.
                               0.
                                       ]
                     0.
 [0.
            0.
                              0.
 [0.
           0.
                     0.
                              0.
 [0.
                     0.
                              0.
 [0.
                                      j
           0.6561
                    0.
                              0.
 [0.
                              0.
           0.
                     0.
                                      ]
                                      ]
 [0.
           0.
                     0.
                              0.
 [0.
           0.
                     0.
                              0.
 [0.
                     0.729
                                      ]
           0.
                              0.
 [0.
                     0.81
                                      ]
           0.
                              0.
 [0.
                              0.
                                      j
           0.9
                     0.
 [0.
           0.
                     0.
                              0.
                                      ]
 [0.
           0.
                     0.
                              0.
 [0.
                     0.
                              0.
           Θ.
 [0.
            0.
                     1.
                              0.
 [0.
                              0.
           0.
                     0.
                                      ]]
Average reward for 250 episodes is 0.816
```

One qtable after 250 episodes

b)

Out[306]: <function matplotlib.pyplot.show(*args, **kw)>



Out[305]: <function matplotlib.pyplot.show(*args, **kw)>

