

Python 2.7.14 (v2.7.14:84471935ed, Sep 16 2017, 20:19:30) [MSC v.1500 32 bit (Intel)] on win32

Type "copyright", "credits" or "license()" for more information.

>>>

=== RESTART: C:\Users\mahrog\Desktop\P5\smartcab-master\smartcab\agent.py ===

/-----

| Training trial 1

\-----

Simulating trial. . .

epsilon = 0.9950; alpha = 0.5000

/-----

| Step 0 Results

\-----

Agent previous state: ('left', 'red', 'forward', None)

Agent attempted driving left through a red light with traffic and cause a major accident. (rewarded - 39.72)

97% of time remaining to reach destination.

/-----

| Step 1 Results

\-----

Agent previous state: ('left', 'red', 'forward', None)

Agent attempted driving left through a red light. (rewarded -9.12)

94% of time remaining to reach destination.

/-----

| Step 2 Results

\-----

Agent previous state: ('left', 'red', 'forward', None)

Agent attempted driving left through a red light. (rewarded -9.95)

91% of time remaining to reach destination.

/-----

| Step 3 Results

\-----

Agent previous state: ('left', 'red', 'forward', None)

Agent attempted driving left through a red light. (rewarded -10.87)

89% of time remaining to reach destination.

/-----

| Step 4 Results

\-----

Agent previous state: ('left', 'red', 'forward', None)

Agent attempted driving forward through a red light. (rewarded -10.96)

86% of time remaining to reach destination.

/-----

| Step 5 Results

\-----

Agent previous state: ('left', 'red', 'forward', None)

Agent attempted driving forward through a red light. (rewarded -10.13)

83% of time remaining to reach destination.

/-----

| Step 6 Results

\-----

Agent previous state: ('left', 'green', 'forward', 'forward')

Agent drove forward instead of left. (rewarded 0.67)

80% of time remaining to reach destination.

/-----

| Step 7 Results

\-----

Agent previous state: ('left', 'green', 'left', None)

Agent drove forward instead of left. (rewarded 1.33)

77% of time remaining to reach destination.

/-----

| Step 8 Results

\-----

Agent previous state: ('left', 'green', 'left', 'right')

Agent drove right instead of left. (rewarded 0.95)

74% of time remaining to reach destination.

/-----

| Step 9 Results

\-----

Agent previous state: ('forward', 'green', None, None)

Agent drove right instead of forward. (rewarded 1.91)

71% of time remaining to reach destination.

/-----

| Step 10 Results

\-----

Agent previous state: ('left', 'green', 'left', 'forward')

Agent drove right instead of left. (rewarded 1.19)

69% of time remaining to reach destination.

/-----

| Step 11 Results

\-----

Agent previous state: ('forward', 'red', None, 'right')

Agent properly idled at a red light. (rewarded 1.24)

66% of time remaining to reach destination.

/-----

| Step 12 Results

\-----

Agent previous state: ('forward', 'red', None, 'right')

Agent attempted driving left through a red light. (rewarded -9.80)

63% of time remaining to reach destination.

/-----

| Step 13 Results

\-----

Agent previous state: ('forward', 'green', None, None)

Agent drove left instead of forward. (rewarded 1.67)

60% of time remaining to reach destination.

/-----

| Step 14 Results

\-----

Agent previous state: ('right', 'red', None, None)

Agent properly idled at a red light. (rewarded 1.81)

57% of time remaining to reach destination.

/-----

| Step 15 Results

\-----

Agent previous state: ('right', 'red', None, None)

Agent attempted driving forward through a red light. (rewarded -10.40)

54% of time remaining to reach destination.

/-----

| Step 16 Results

\-----

Agent previous state: ('right', 'green', None, None)

Agent followed the waypoint right. (rewarded 1.60)

51% of time remaining to reach destination.

/-----

| Step 17 Results

\-----

Agent previous state: ('forward', 'red', None, None)

Agent properly idled at a red light. (rewarded 2.60)

49% of time remaining to reach destination.

/-----

| Step 18 Results

\-----

Agent previous state: ('forward', 'red', None, None)

Agent properly idled at a red light. (rewarded 1.24)

46% of time remaining to reach destination.

/-----

| Step 19 Results

\-----

Agent previous state: ('forward', 'green', None, None)

Agent drove left instead of forward. (rewarded 1.19)

43% of time remaining to reach destination.

/-----

| Step 20 Results

\-----

Agent previous state: ('right', 'green', None, 'left')

Agent drove forward instead of right. (rewarded 0.98)

40% of time remaining to reach destination.

/-----

| Step 21 Results

\-----

Agent previous state: ('right', 'red', None, 'left')

Agent followed the waypoint right. (rewarded 0.79)

37% of time remaining to reach destination.

/-----

| Step 22 Results

\-----

Agent previous state: ('forward', 'green', None, None)

Agent drove right instead of forward. (rewarded 0.94)

34% of time remaining to reach destination.

/-----

| Step 23 Results

\-----



Agent previous state: ('left', 'red', None, None)

Agent drove right instead of left. (rewarded 1.40)

31% of time remaining to reach destination.

/-----

| Step 24 Results

\-----

Agent previous state: ('right', 'green', None, None)

Agent drove left instead of right. (rewarded 1.00)

29% of time remaining to reach destination.

/-----

| Step 25 Results

\-----

Agent previous state: ('left', 'red', None, None)

Agent attempted driving forward through a red light with traffic and cause a major accident. (rewarded - 39.29)

26% of time remaining to reach destination.

/-----

| Step 26 Results

\-----

Agent previous state: ('left', 'red', 'forward', 'forward')

Agent attempted driving right through traffic and cause a minor accident. (rewarded -19.96)

23% of time remaining to reach destination.

/-----

| Step 27 Results

\-----

Agent previous state: ('left', 'red', 'forward', None)

Agent attempted driving forward through a red light. (rewarded -10.07)

20% of time remaining to reach destination.

/-----

| Step 28 Results

\-----

Agent previous state: ('left', 'green', 'forward', None)

Agent attempted driving left through traffic and cause a minor accident. (rewarded -20.87)

17% of time remaining to reach destination.

/-----

| Step 29 Results

\-----

Agent previous state: ('left', 'green', None, None)

Agent followed the waypoint left. (rewarded 1.12)

14% of time remaining to reach destination.

/-----

| Step 30 Results

\-----

Agent previous state: ('forward', 'red', None, None)

Agent attempted driving left through a red light. (rewarded -10.71)

11% of time remaining to reach destination.

/-----

| Step 31 Results

\-----

Agent previous state: ('forward', 'red', None, None)

Agent attempted driving left through a red light. (rewarded -9.77)

9% of time remaining to reach destination.

/-----

| Step 32 Results

\-----

Agent previous state: ('forward', 'red', 'right', None)

Agent attempted driving left through a red light with traffic and cause a major accident. (rewarded -39.63)

6% of time remaining to reach destination.

/-----

| Step 33 Results

\-----

Agent previous state: ('forward', 'green', 'forward', None)

Agent drove right instead of forward. (rewarded -0.32)

3% of time remaining to reach destination.

/-----

| Step 34 Results

\-----