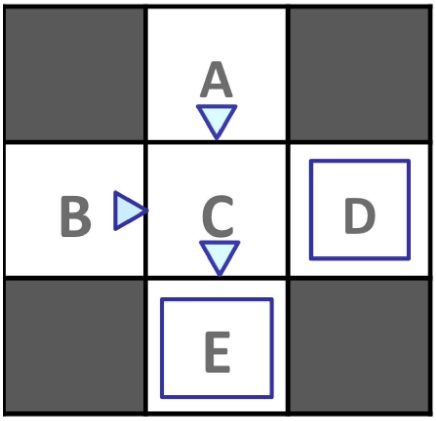
hw5_rl_q1_model_based_rl_grid

Question 1: Model-Based RL: Grid

4/4 points (ungraded)

Input Policy π



Assume: $\gamma = 1$

Observed Episodes (Training)

Episode 1

A, south, C, -1
C, south, E, -1
E, exit, x, +10

Episode 2

B, east, C, -1
C, south, D, -1
D, exit, x, -10

Episode 3

B, east, C, -1
C, south, E, -1
E, exit, x, +10

Episode 4

A, south, C, -1
C, south, E, -1
E, exit, x, +10

What model would be learned from the above observed episodes?

T(A, south, C) =

1 ✔

T(B, east, C) =

1 ✔

T(C, south, E) =

0.75 ✔

T(C, south, D) =

0.25 ✔

Submit

✔ Correct (4/4 points)