

Exercise 2

Task 1 - Formulating Problems

Task 2 - Value Functions

Task 3 - Bruteforce the Policy Space

a)

$$|policies| = |S| * |A|$$

b)

Value function for policy_left (always going left):

[0.	0.	0.53691275	0.	0.	1.47651007
0.	0.	5.]		

Value function for policy_right (always going right):

[0.41401777	0.77456266	1.31147541	0.36398621	0.8185719	2.29508197
0.13235862	0.	5.]		

c)

d)