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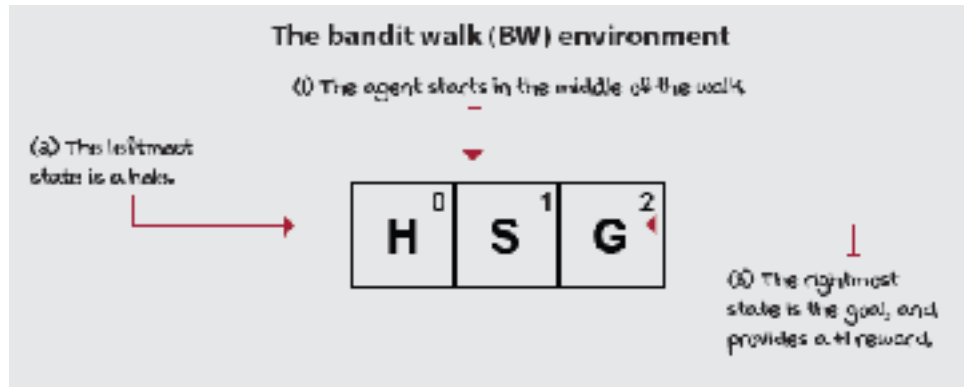
21AIE311 - Reinforcement Learning

Lab Worksheet - 4

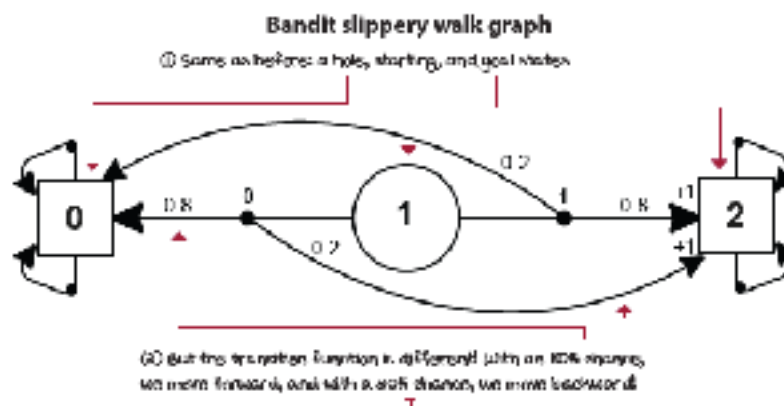
**Bandit Walk (BW), Bandit Slippery Walk (BSW) and Frozen Lake (FL)
Agent Training**

Exercise

1. Write a simple Python code to model the Bandit Walk (BW) environment using Python Dictionary data structure and design an RL agent training using the Temporal Difference method. Note: Action 0-Left and 1-Right.



2. Write a simple Python code to model the Bandit Slippery Walk (BSW) environment using Python Dictionary data structure and design an RL agent training using the Temporal Difference method. Note: Action 0-Left and 1-Right.



Assignment

1. Write a simple Python code to model the Frozen Lake (FL) environment using Python Dictionary data structure and design an RL agent training using the Temporal Difference method.

