Reinforcement Learning Assignment - 2

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Coding questions:

| | Question 2 | | | | | | Question 4 | | | | | | |
|---------|--|--------|--------|--------|--------|---|--|--------|--------|--------|--------|---|--|
| | 1 | 2 | 3 | 4 | 5 | | 1 | 2 | 3 | 4 | 5 | _ | |
| 1 | 3.309 | 8.789 | 4.428 | 5.322 | 1.492 | 1 | 21.977 | 24.419 | 21.977 | 19.419 | 17.477 | | |
| 2 | 1.522 | 2.992 | 2.25 | 1.908 | 0.547 | 2 | 19.78 | 21.977 | 19.78 | 17.802 | 16.022 | | |
| 3 | 0.051 | 0.738 | 0.673 | 0.358 | -0.403 | 3 | 17.802 | 19.78 | 17.802 | 16.022 | 14.419 | | |
| 4 | -0.974 | -0.435 | -0.355 | -0.586 | -1.183 | 4 | 16.022 | 17.802 | 16.022 | 14.419 | 12.977 | | |
| 5 | -1.858 | -1.345 | -1.229 | -1.423 | -1.975 | 5 | 14.419 | 16.022 | 14.419 | 12.977 | 11.68 | | |
| | | | | | | | | | | | | , | |
| of acti | Policy is picked up with equal probabilities of actions given. The world size i.e, number of steps are 5. | | | | | | Optimal state-value function and the optimal policy for the Gridworld. | | | | | | |