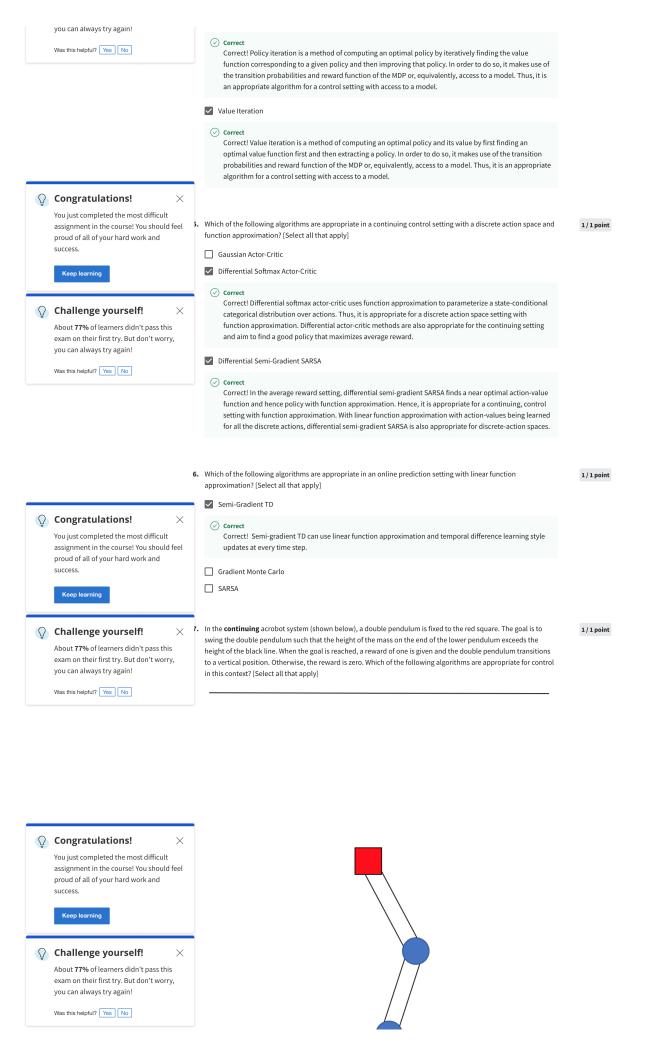


About 77% of learners didn't pass this exam on their first try. But don't worry,

✓ Policy Iteration

	Graded Quiz						
		0	Congratulatio Grade	ns! You passed!	To pass 80% or	Go to nex	xt item
			received 100%	Grade 100%	higher		
		1.	step? [Select all that apply SARSA Correct	d · · · ·	trol setting in which updates will be made a		1/1 point
Q	Congratulations! X You just completed the most difficult assignment in the course! You should feel proud of all of your hard work and success. Keep learning		action, next state, re action value of the n Expected SARSA Correct Correct! Expected SA	eward, next action) transition tup next action at the next state. ARSA uses temporal difference le state, reward) transition tuples v	les where the target is the sum of the rewa arning updates that are done at every time where the target is the sum of the reward a	rd and the	
	Challenge yourself! X About 77% of learners didn't pass this exam on their first try. But don't worry, you can always try again! Was this helpful? Yes No			tate, reward) transition tuples wh	g updates that are done at every time step nere the target is the sum of the reward and		
		2.	of each episode? [Select al Monte-Carlo Predictio Correct Correct! Monte Carlo respect to a given po	ll that apply] on o can be used to estimate the vali	me policy. Thus, it solves a prediction prob		1/1 point
Q	Congratulations! X You just completed the most difficult assignment in the course! You should feel proud of all of your hard work and success. Keep learning		 □ Exploring Starts Monte ☑ Off-Policy Monte-Carle ☑ Correct Correct! Off-Policy Monte 	e-Carlo o Monte Carlo can be used to estima n some behavior policy. The targ	te the value function with respect to a targets are empirically observed returns by wa		
Q	Challenge yourself! About 77% of learners didn't pass this exam on their first try. But don't worry, you can always try again! Was this helpful? Yes No	3.	using it for planning? [Sele Dyna-Q Correct	ect all that apply] is a model to learn from both sim	ular setting in which we will be learning a m		1/1 point
			making queries to th	ne model. In addition, Dyna-Q+ ca ploration bonus to visit long unvi	nulated and real experience and planning an handle non-stationarity in environment isited states and ensure that action-values	well by	
Q	Congratulations! Xou just completed the most difficult assignment in the course! You should feel proud of all of your hard work and success.	1.	□ Expected SARSA Which of the following alg [Select all that apply] □ Iterative Policy Evalua ☑ Dyna-Q		trol setting in which we are given access to	a model?	1/1 point
Ō	Challenge yourself! \times			plan by making queries to a mod Q is suitable for a control setting	del and learn a good policy in that attains l with access to a model.	arge	



			☐ Expected SARSA	
			Q-learning	
			✓ Average Reward Actor-Critic	
			 Correct Correct! Acrobot (as we described it) is a continuing task, which means that we should be using average reward. 	
Q	Congratulations! ×			
	You just completed the most difficult assignment in the course! You should feel proud of all of your hard work and success.	3.	Which of the following algorithms are appropriate for control in the lunar lander MDP, as it is described in the lecture "Initial Project Meeting with Martha: Formalizing the Problem"? [Select all that apply]	1 / 1 point
			☑ Q-learning	
	Keep learning		Correct Correct! Q-Learning can be used in an episodic setting.	
Õ	Challenge yourself! X About 77% of learners didn't pass this exam on their first try. But don't worry, you can always try again!		☑ Expected SARSA	
			○ Correct Correct! Expected SARSA can be used in an episodic setting.	
			Average Reward Actor-Critic	
	Was this helpful? Yes No			