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Quiz-1.

0.1	0.2	0.3
0.7	0.5	0.4
L 0.6	0.8	0.9

 $P(S_{t+1}=51 | S_t=S_3) = 0.6.$ $P(S_{t+1}=S_2 | S_t=S_3) = 0.8$ $P(S_{t+1}=S_2 | S_t=S_1, S_{t-1}=S_1) = 0.2.$ Current & previous state $S_1 = 0.2$.

- 2. The future state depends only on the current state and the current vacción, not on the sequence of states and actions that preceded it.

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- 3. The numerical signal that the agent receives from
 the environment at each step is salled the "reward"
 wherear "return" is the total reward the agent
 receives over a long run.

 Jong turn return van be expressed as a sum of
 individual rewards.

 Gt = Rt+1 + R++2 + + Rt.
- 4. As approaches 1, return objective takes future rewards into account more strongly.

As is set to 0, future rewards are completely ignored in the calculation of long-term return.

5. In episodic tasks, the simulation will come to considers immediale rewards. As there is a elieure start and end to the task, I need it always be O. Eg: Navigation in a Maze. 6. GL = C++++2 + ... Rt. As htt, http.... Rt are random Variables, the stochastic nature of rewards by Thate transitions contributes to the randomness of Gt. ... Gt is a random variable. The numbered signal start the second second There is have a sate of the "next of declara A day sund MAN TO A PROPERTY OF THE PARTY Compare to the state of the sta and winds course a daise of the sale A STATE OF THE PROPERTY OF THE PARTY OF THE