```
# mdp.py
# ----
# Licensing Information: Please do not distribute or publish solutions to this
# project. You are free to use and extend these projects for educational
# purposes. The Pacman AI projects were developed at UC Berkeley, primarily by
# John DeNero (denero@cs.berkeley.edu) and Dan Klein (klein@cs.berkeley.edu).
# For more info, see http://inst.eecs.berkeley.edu/~cs188/sp09/pacman.html
import random
class MarkovDecisionProcess:
     def getStates(self):
        Return a list of all states in the MDP.
        Not generally possible for large MDPs.
         abstract
    def getStartState(self):
        Return the start state of the MDP.
        abstract
    def getpassignmenta Project Exam Help
        Return list of
                                        https://eduassistpro.github.io/
        abstract
    def getTransitionStatesAndProbs(self, state, action):
        Returns list of Aneitsta ( Proposed Pro
         from 'state' by taking 'action' along
        with their transition probabilities.
        Note that in Q-Learning and reinforcment
         learning in general, we do not know these
         probabilities nor do we directly model them.
         abstract
    def getReward(self, state, action, nextState):
        Get the reward for the state, action, nextState transition.
        Not available in reinforcement learning.
         11 11 11
         abstract
    def isTerminal(self, state):
        Returns true if the current state is a terminal state. By convention,
        a terminal state has zero future rewards. Sometimes the terminal state(s)
        may have no possible actions. It is also common to think of the terminal
         state as having a self-loop action 'pass' with zero reward; the formulations
         are equivalent.
         abstract
```

Assignment Project Exam Help

https://eduassistpro.github.io/
Add WeChat edu_assist_pro