Report 1 hand-in

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Table 1: Attribution table. Feel free to add/remove rows and columns

	Alice	Bob	Clara
1: Go east	0-100%	0-100%	0-100%
2: Describe the go-east problem	0-100%	0-100%	0-100%
3: Predict consequence of actions	0-100%	0-100%	0-100%
4: Possible future states	0-100%	0-100%	0-100%
5: Reachable states	0-100%	0-100%	0-100%
6: Shortest path	0-100%	0-100%	0-100%
7: Predict consequence of actions with one ghost	0-100%	0-100%	0-100%
8: Possible future states with one ghost	0-100%	0-100%	0-100%
9: Optimal one-ghost planning	0-100%	0-100%	0-100%
10: Predict consequence of actions with several ghosts	0-100%	0-100%	0-100%
11: Future states	0-100%	0-100%	0-100%
12: Optimal planning	0-100%	0-100%	0-100%
13: A basic blaster-business	0-100%	0-100%	0-100%
14: Warmup	0-100%	0-100%	0-100%
15: Manually computing J_{N-1}	0-100%	0-100%	0-100%
16: Compute optimal policy and value function	0-100%	0-100%	0-100%
17: Kiosk2	0-100%	0-100%	0-100%
18: Explaining the policy	0-100%	0-100%	0-100%
19: Policy explanation continued	0-100%	0-100%	0-100%

Headings have been inserted in the document for readability. You only have to edit the part which says **(your solution here)** .

1 Avoid the droid (`pacman.py`)

Problem 2: Describe the go-east problem

The environment is an example of a ....
The controller is an example of a ... **(your solution here)**

Problem 5: Reachable states

Account for all states here. Provide a brief justification for your results.
(your solution here)

2 The kiosk (`kiosk.py`)

Problem 13: A basic blaster-business

(your solution here) **To get you started:**

$$N = 14 \tag{1}$$

$$\textbf{for } k = 0, \ldots, N\textbf{:} \quad \mathcal{S}_k = \ldots \tag{2}$$

$$\textbf{for } k = 0, \ldots, N-1\textbf{:} \quad \mathcal{A}_k(x_k) = \ldots \tag{3}$$

$$\vdots \tag{4}$$

Problem 15: Manually computing J_{N-1}

(your solution here)

$$J_{N-1}(20) = \ldots$$

Problem 18: Explaining the policy

The first policy... this can be explained by noting ... **(your solution here)**

Problem 19: Policy explanation continued

$$\mu_{N-1}(0) = \ldots$$

(your solution here)