

Angel Martinez

Jugraj Dulay

1. Agent - student

Action - taking class

Environment- is 160

Rewards- positive - you pass the class, negative - you fail the class.

State- test is multiple choice

2. Do extra credit question

3. half questions are right

4. All answers are wrong

5.all answers are correct

6. Answered only half questions

7. Answered all question

8. Test is non multiple choice

9. No extra credit

10 there is a curve

2. Agent- financial analyst

a. action - analyze stock market

b. Environment - analyzing the index of the Technology sector and analyzing the rise of AI

c. Reward - monetary gains

d. State:

i. stock prices

ii. Market trends

iii. Sell stocks

iv. Buy stocks

v. Inflation

vi. Stock market crash

vii. Down turns

viii. New competition

ix. Substitutions

x. Monopoly is created

3. Agent - player

a. Action - playing

b. Environment-rock paper scissors game

c. Reward- positive you win the game, negative you lose

d. State- you win the game

i. You lose the win

ii. Its tie

iii. Its best out of three

iv. Best out of 5

v. Best out 7

vi. Best out of 9

vii. Best out of 11

viii. Best out of 13

ix. Stopped after one game

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4. Agent - Lawyer

- a. Action - reading legal documents and analyzing components
- b. Environment - legal proceeding
- c. Reward - fast reading of legal documents
- d. State -
  - i. Faster understanding of case
  - ii. Better prep time
  - iii. Analyzing evidence
  - iv. Through notes of case
  - v. Lessened time of prepping for the case
  - vi. No preparation
  - vii. Not enough evidence
  - viii. Have to gather more evidence
  - ix. Different language
  - x. Slower understanding of case

5.agent- astronaut

Action - flying spaceship

Environment- space

Reward- positive - land on moon negative- failed to land

State-1 they land

2 they failed to land

3. They landed but different place

4 They landed at exact same place

5. they found alien

6 they found water

7. Single was lost

8They died while exploring

9 there was a human

10 there was no one

6.agent - spiderman

Action fighting

Environment- new york

Reward - positive saves everyone, failed to save everyone

State one- he beats villain

2. Villain wins

3. There was interference

4. Spiderman injured

5 both didn't fight each other

6. Villain ran away

7. Villain takes hostage

8. Villain is sent to prison

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9 villain beats spiderman

10 spiderman is dead