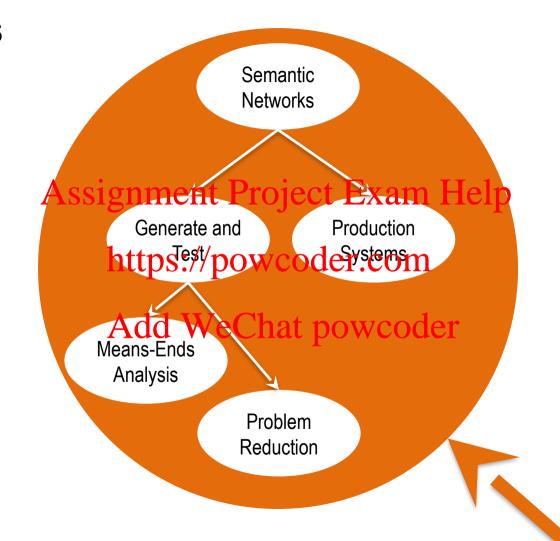
Assignment Project Exam Help

https://pswcoder.com Systems Add WeChat powcoder

Fundamentals



Lesson Preview

- Cognitive architectures

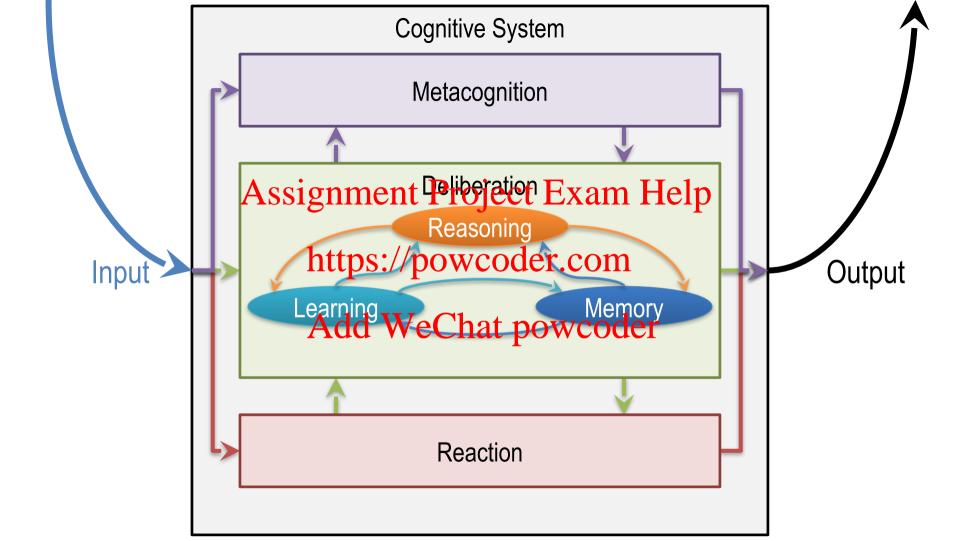
Production systems Assignment Project Exam Help

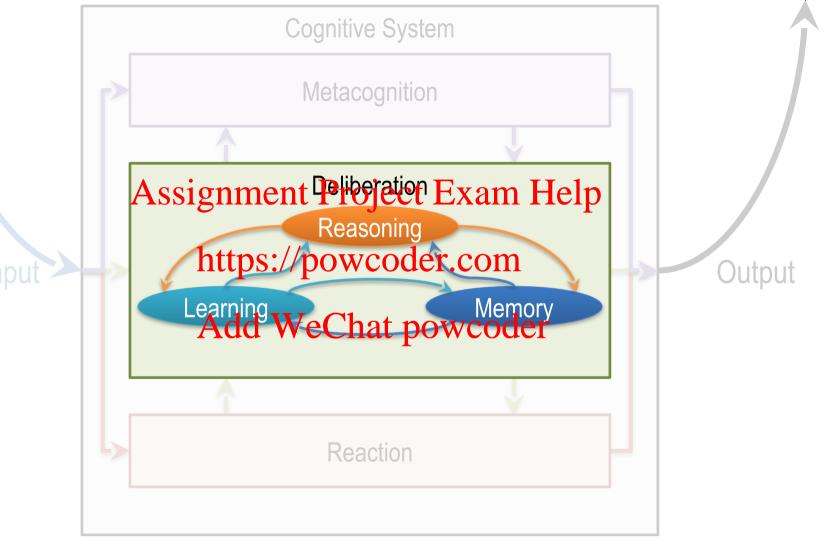
Chunking

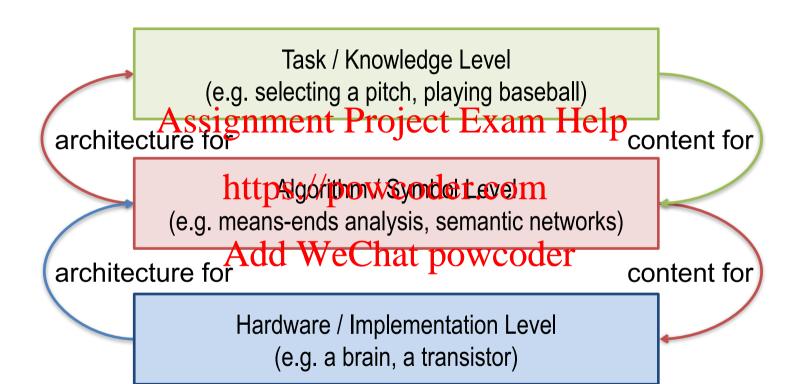
https://powcoder.com

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What should the pitcher do? It's the top of the 7th inning. There are runners on 2nd and 3rd base. There are gwo outs Project Examine the batter The batter, Martin Prado, has an average of 256 https://powcodencomionally walk the batter fourth in the batting order. We hat powcoder are winning 3-2. I struck this batter out last time. My goal is to escape the inning.







What are the layers of Watson? Assignment Project Exam Help

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Add Mysical componeder

searching and decision-making answering the inputted clue

Assumptions of a Cognitive Architecture

- Goal-oriented
- Rich, complex environment Assignment Project Exam Help
- Significant knowledge https://powcoder.com
 Symbols and abstractions
- Flexible and function of the environment
- Learning

Architecture Assignment Project Exam Help

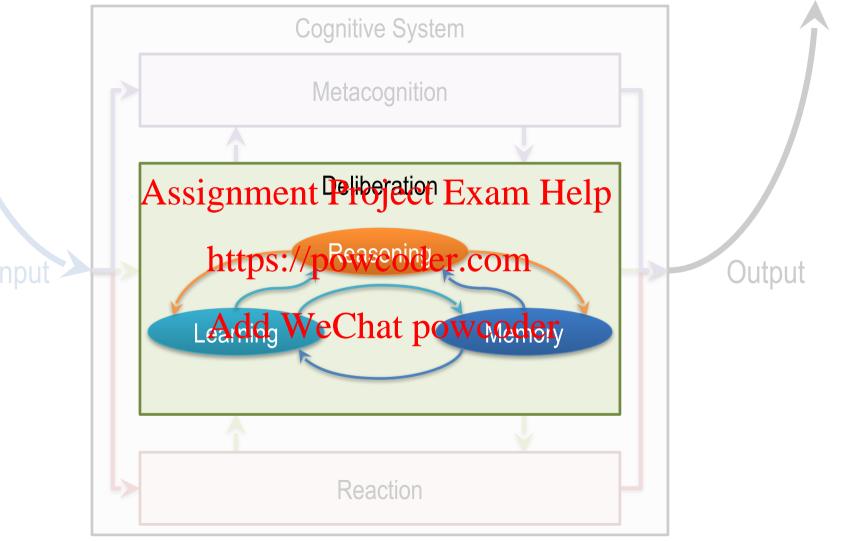
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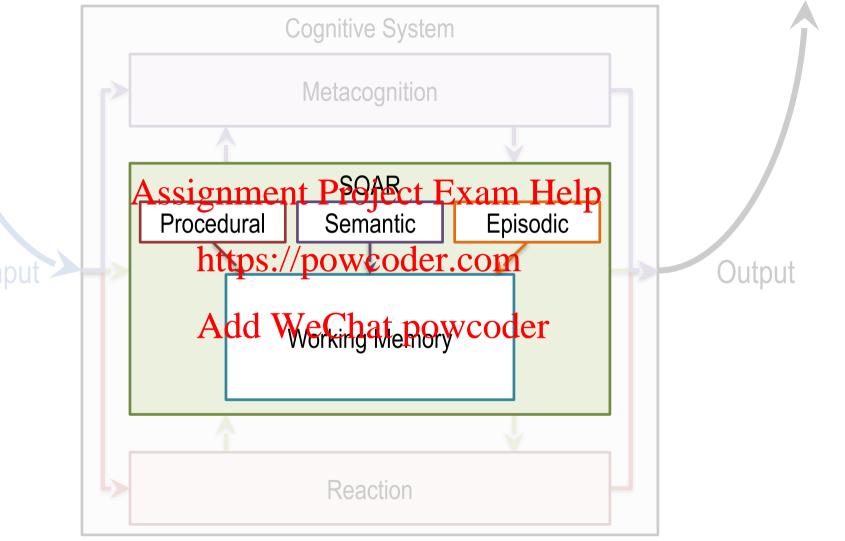
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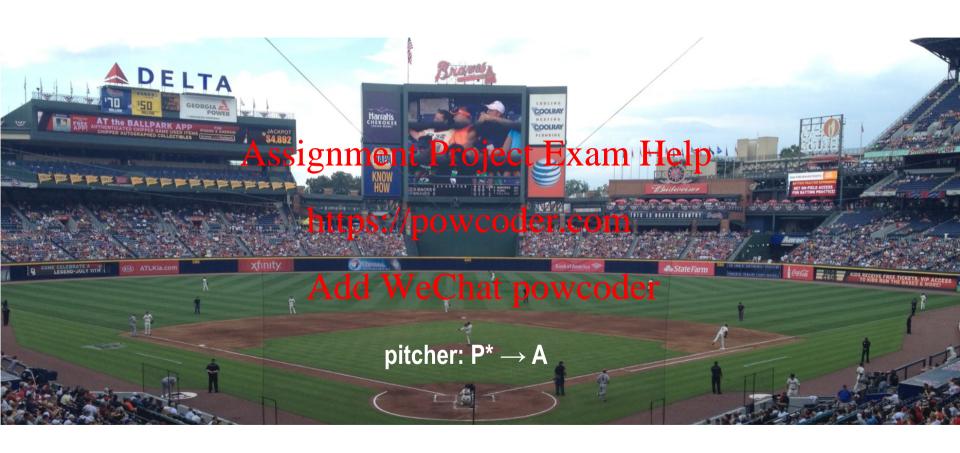
Function for cognitive architectures: Assignment Project Exam Help

https://powcoder.com

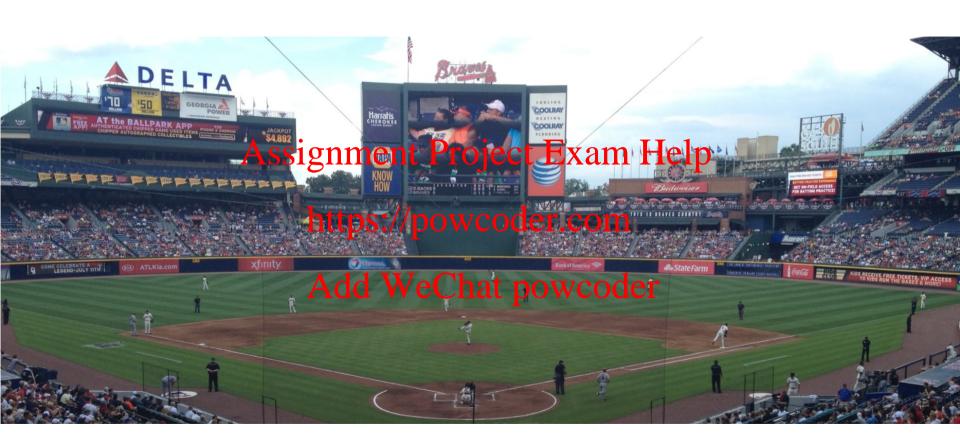
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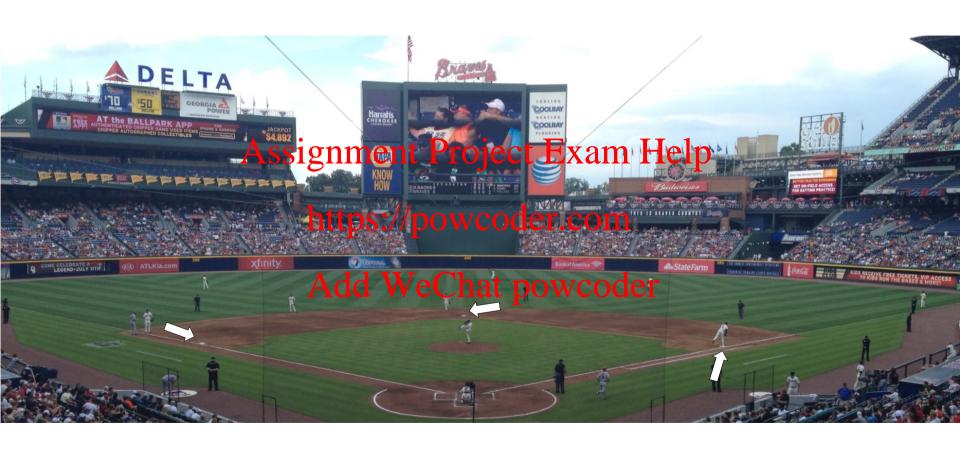


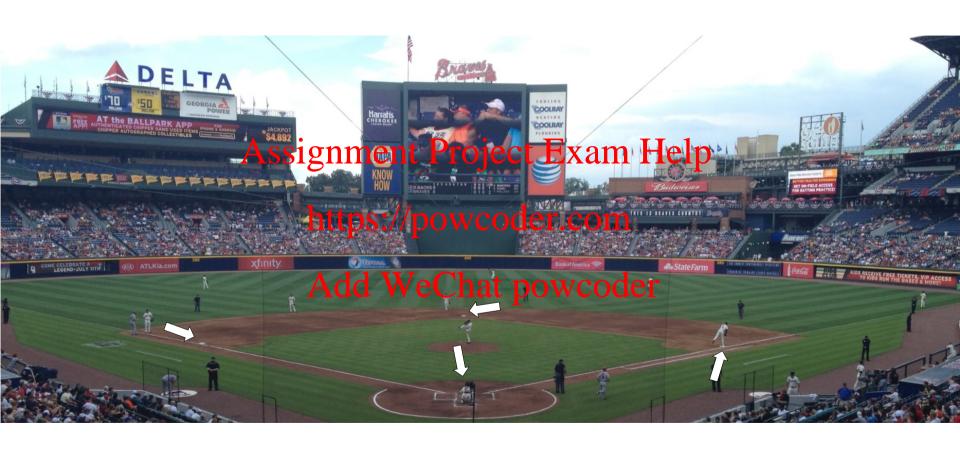


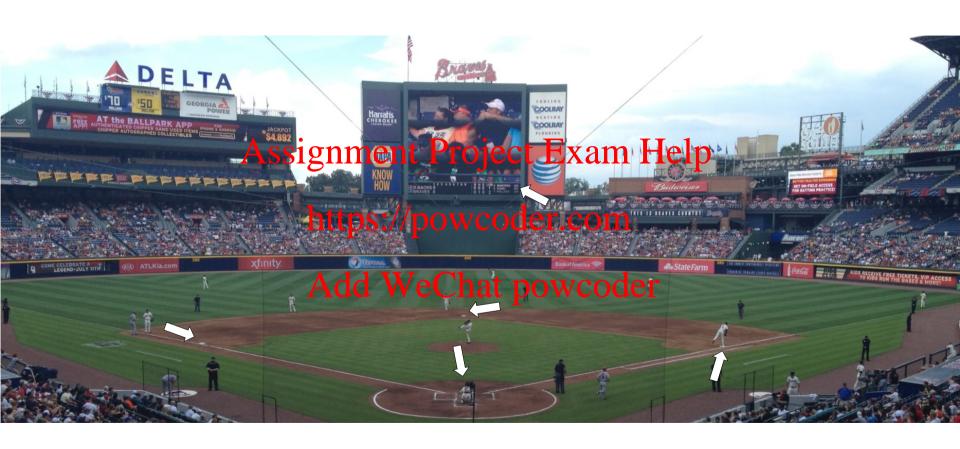


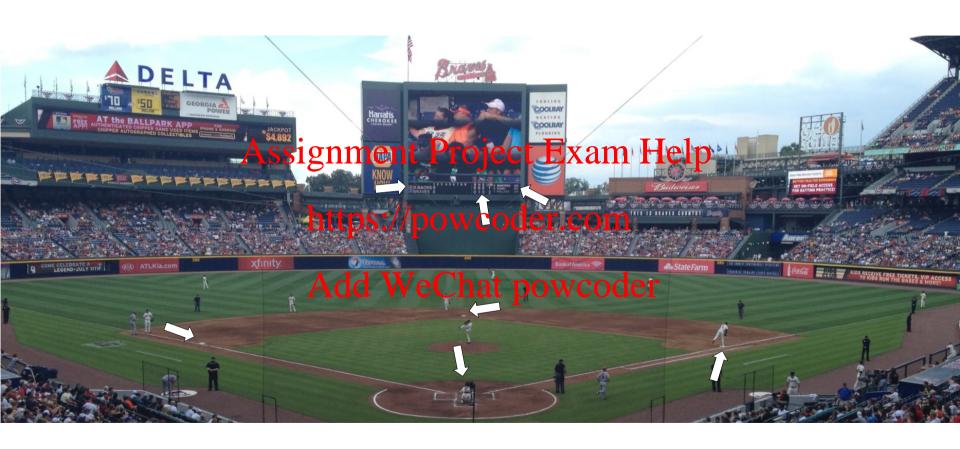
What should the pitcher do? It's the top of the 7th inning. There are runners on 2nd and 3rd base. There are gwo outs Project Examine the batter The batter, Martin Prado, has an average of 256 https://powcodencomionally walk the batter fourth in the batting order. We hat powcoder are winning 3-2. I struck this batter out last time. My goal is to escape the inning.











He chooses a curve ball ...

He chooses a fast ball ...

He chooses a slider

Strike ...

Ball ...

Hit ...

Out ...

Kris Medlen is pitching Assignments Project Exam Help

Martin Prado is at bat

Kris Medlen's goal is to finish the inning without allowing any runs

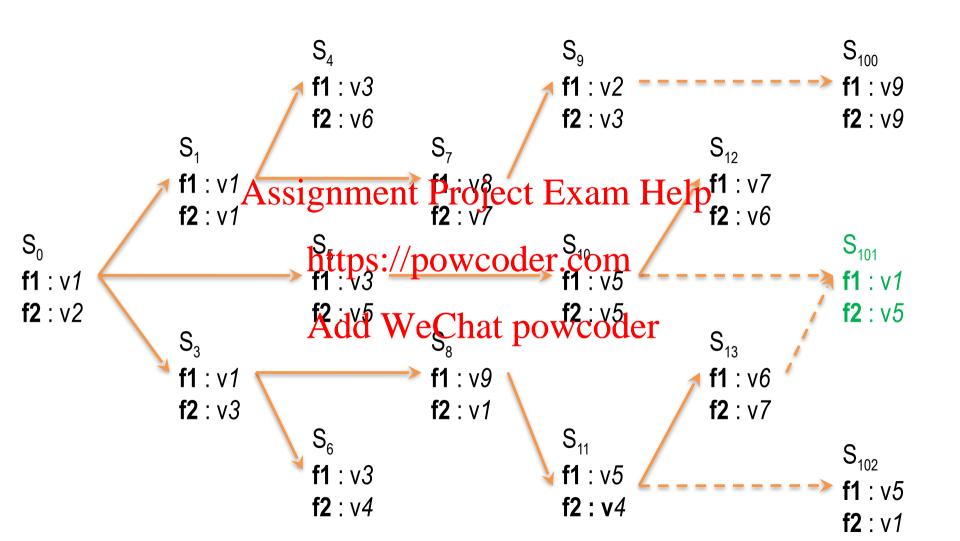
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He chooses to walk

He faces the next batter

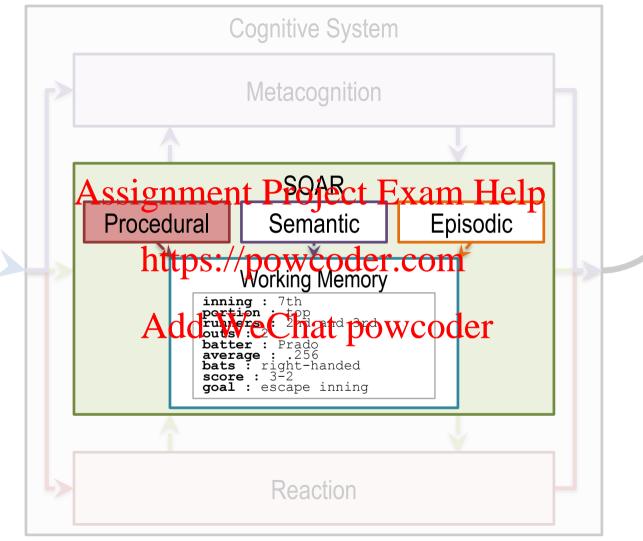
. . .



It's the top of the 7th inning. There are runners on 2nd and 3rd base. There Ameigwon outs Project Exam Het The batter, Martin Prado, has an average of .256 and bats fourth in the batting order. We are winning 3-2. I struck this batter out last time. My goal is to escape the inning.

inning : 7th

Porficip: top
runners : 2nd and 3rd
outs : 2
Datter : Prado
average : .287
Dates : right-handed
score : 3-2
goal : escape inning



inning : 7th
portion : top
runners : 2nd and 3rd
outs : 2
batter : Prado
average : .256
bats : right-handed As
score : 3-2
goal : escape inning

or I perceive no runner on 2nd, or I perceive no runners then suggest goal to get the batter out via pitching (*Pitch*) Assignment, Project, Exam Help then suggest intentional-walk operator Posal is Premare peletive a new batter who is left/right-handed then add batter not out, balls 0, strikes 0, bats left/right Add WeChat paw coder then suggest throw-curve-ball operator (r6) If the goal is *Pitch* and **batter** not out and **bats** *left-handed* then suggest throw-fast-ball operator (r7) If only one operator has been selected then send operator to the motor system and add **pitch** thrown to state

(r1) If goal is to Escape, I perceive 2 outs, I perceive a runner on 2nd and I

then suggest goal intentionally walk batter (*Intentional Walk*)

(r2) If goal is to Escape, I perceive fewer than 2 outs, or I perceive a runner on 1st,

perceive no runner on 1st

inning : 7th
portion : top
runners : 2nd and 3rd
outs : 2
batter : Prado

average : .256
bats : right-handed A
score : 3-2

goal : escape inning

What operator is selected?

- o intentional-walk
- o throw-curve-ball
- o throw-fast-ball
 o None, the system
 cannot decide.

(r1) If goal is to *Escape*, I perceive 2 outs, I perceive a runner on 2nd and I perceive no runner on 1st

then suggest goal intentionally walk batter (*Intentional Walk*)

(r2) If goal is to *Escape*, I perceive fewer than 2 outs, or I perceive a runner on 1st, or I perceive no runner on 2nd, or I perceive no runners

then suggest goal to get the batter out via pitching (*Pitch*)

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then suggest intentional-walk operator

then add batter not out, balls 0, strikes 0, bats left/right

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then suggest throw-curve-ball operator

- (r6) If the goal is *Pitch* and **batter** *not out* and **bats** *left-handed*then suggest throw-fast-ball operator
- (r7) If only one operator has been selected

 then send operator to the motor system and add **pitch** thrown to state

inning : 7th
portion : top
runners : 1st, 2nd, 3rd
outs : 2
batter : Hill
average : .269

bats : right-handed

goal : escape inning

score : 3-2

What operator is

o intentional-walk

selected?

o throw-curve-ball

o throw-fast-ball
o None, the system
cannot decide.

(r1) If goal is to *Escape*, I perceive 2 outs, I perceive a runner on 2nd and I perceive no runner on 1st

then suggest goal intentionally walk batter (Intentional Walk)

tps://spicharcoderecombatter who is left/right-handed

(r2) If goal is to *Escape*, I perceive fewer than 2 outs, or I perceive a runner on 1st, or I perceive no runner on 2nd, or I perceive no runners

then suggest goal to get the batter out via pitching (*Pitch*)

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then suggest intentional-walk operator

then add batter not out, balls 0, strikes 0, bats left/right

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then suggest throw-curve-ball operator

(r6) If the goal is *Pitch* and **batter** *not out* and **bats** *left-handed* then suggest throw-fast-ball operator

(r7) If only one operator has been selected

then send operator to the motor system and add **pitch** thrown to state

inning : 7th
portion : top
runners : 1st, 2nd, 3rd
outs : 2
batter : Parra

batter : Parra
average : .273
bats : left-handed

score : 3-2
goal : escape inning

What operator is selected?

o intentional-walk

o throw-curve-ball

o throw-fast-ball
o None, the system
cannot decide.

(r1) If goal is to *Escape*, I perceive 2 outs, I perceive a runner on 2nd and I perceive no runner on 1st

then suggest goal intentionally walk batter (Intentional Walk)

(r2) If goal is to *Escape*, I perceive fewer than 2 outs, or I perceive a runner on 1st, or I perceive no runner on 2nd, or I perceive no runners

then suggest goal to get the batter out via pitching (*Pitch*)

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then suggest intentional-walk operator

then add batter not out, balls 0, strikes 0, bats left/right

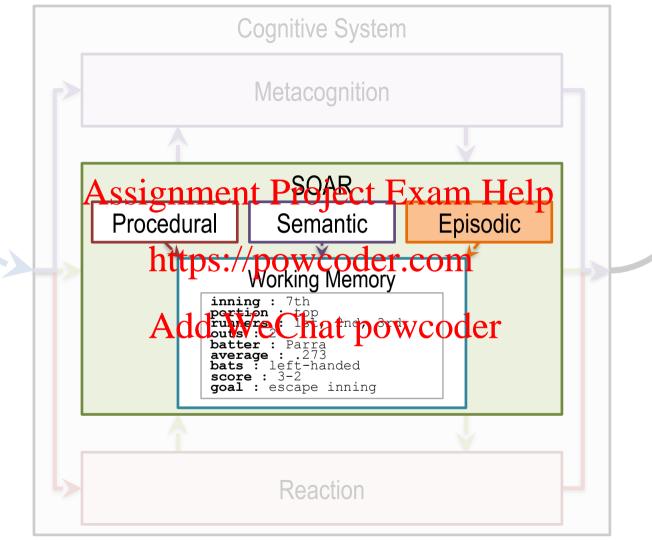
Add We Chat Batter Golden

then suggest throw-curve-ball operator

(r6) If the goal is *Pitch* and **batter** *not out* and **bats** *left-handed* then suggest throw-fast-ball operator

(r7) If only one operator has been selected

then send operator to the motor system and add pitch thrown to state



```
inning : 5th
portion : bottom
game : 131
weather: windy Assignment Project Exam Help
runners : 1st, 3rd
outs: 1
                    https://powcoder.com
batter : Pierzynski
average : .283
bats : left-handed
                    Add WeChat powcoder
score : 1-4
goal : pitch
pitch : throw-fast-ball
result: homerun
```

```
inning : 5th
portion : bottom
game : 131
weather : windy Assignment Project Exam Help
runners : 1st, 3rd
outs : 1
batter : Pierzynski
average : .283
bats : left-handed
score : 1-4
(r8) If two operators selected and one has an episode with result
https://powcoder.com
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```

goal : pitch

result: homerun

pitch : throw-fast-ball

"chunking"

```
portion : top
runners: 1st, 2nd, 3rd
outs: 2
batter : Parra
average: .273
bats : left-handed
score : 3-2
goal : escape inning
 What operator is
     selected?
o intentional-walk
o throw-curve-ball
o throw-fast-ball
  o None, the system
    cannot decide.
```

inning : 7th

(r2) If goal is to Escape, I perceive fewer than 2 outs, or I perceive a runner on 1st, or I perceive no runner on 2nd, or I perceive no runners

then suggest goal to get the batter out via pitching (Pitch)

Assignment in the suggest intentional walk Exame Help

(r4) If goal is Pitch and I perceive a new batter who is left/right-handed

The arc batter not only batter who is left/right.

then suggest goal intentionally walk batter (*Intentional Walk*)

(r1) If goal is to Escape, I perceive 2 outs, I perceive a runner on 2nd and I

perceive no runner on 1st

(r6) If the goal is *Ritch* and **batter** not out **Constitution** and **batter** not out and **batts** left-handed

(r8) If two operators selected and one has an episode with **result** homerun then prefer other operator

then suggest throw-fast-ball operator(r7) If only one operator has been selected then send operator to the motor system and add pitch thrown to state

Assignment

How would you use a production system to design an agent that could answer Raven's Progressive Matrices?

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To recap...

- Cognitive architectures

Production systems Assignment Project Exam Help

Action selection

Chunking

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