

# Intro to AI

## \* Rational Decisions

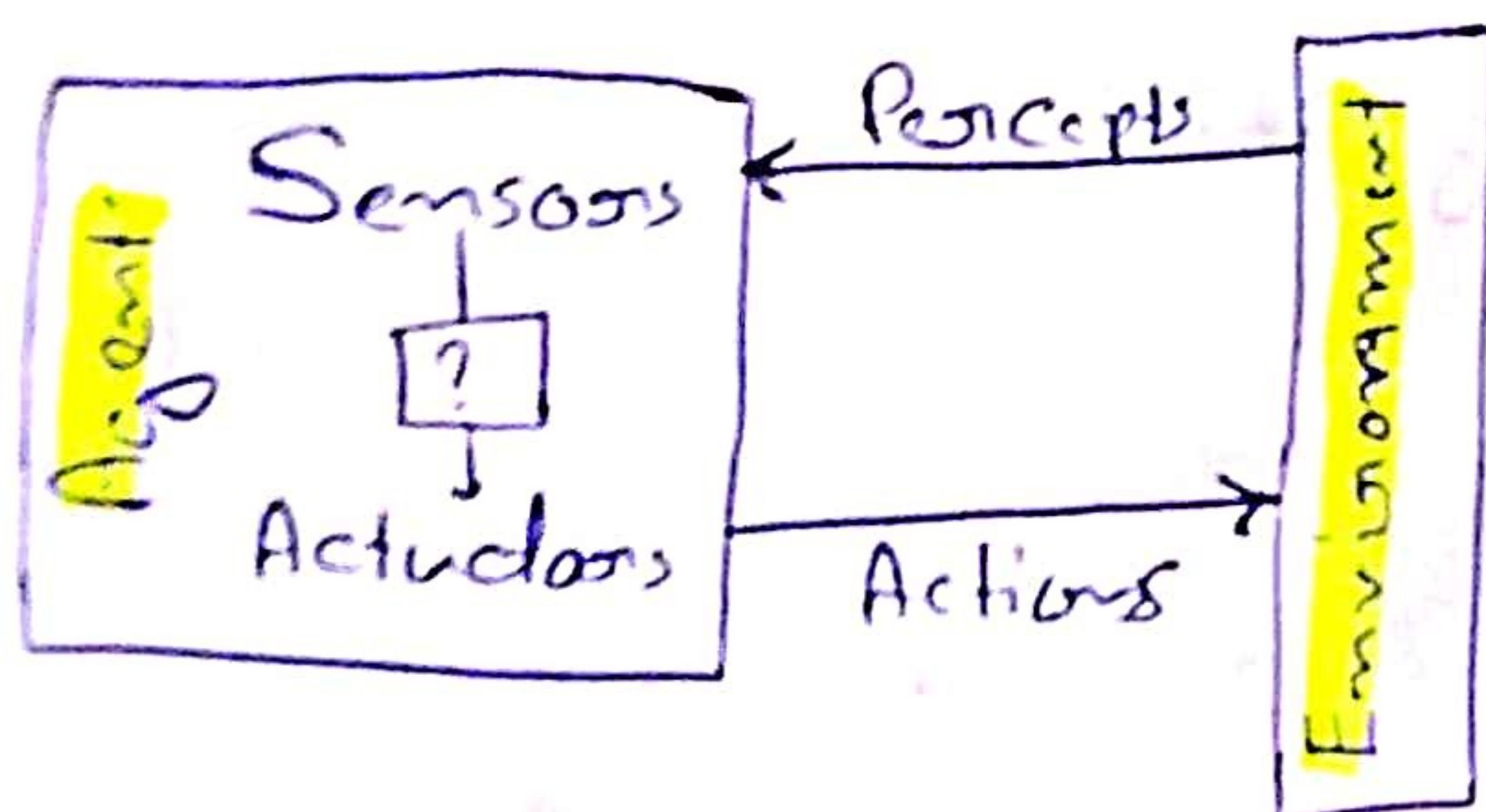
- Rational: Maximally achieving pre-defined goals.
- Rationality only concerns what decisions are made, not the thought process behind them.

⇒ Lessons learned from brain:

1) Memory (data)

2) Simulation (Computation)

are key to decision making.



⇒ Agent: An entity that perceives & acts

⇒ Rational Agent: Selects actions that maximize its (expected) utility.

