
Algorithm 1 Simple Reflex Agent

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1: function SIMPLE-REFLEX-AGENT(percept)  
2:   persistent: rules, a set of condition-action rules  
3:  
4:   state  $\leftarrow$  INTERPRET-INPUT(percept)  
5:   rule  $\leftarrow$  RULE-MATCH(state, rules)  
6:   action  $\leftarrow$  rule.ACTION  
7:  
8:   return action
```
