```
function SIMPLE-COMMUNICATING-AGENT( percept) returns action
  static: KB, a knowledge base
          t, a counter, initially 0, indicating time

  TELL(KB, MAKE-PERCEPT-SENTENCE(KB, t))
  words ← SPEECH-PART( percept)
  semantics ← DISAMBIGUATE(SEMANTICS(PARSE(words)))
  if TYPE[semantics] = Command then
      action ← CONTENTS[semantics]
  else if TYPE[semantics] = Statement then
      TELL(KB, CONTENTS[semantics])
      action ← ASK(KB, MAKE-ACTION-QUERY( percept, t))
  else if TYPE[semantics] = None then
      action ← ASK(KB, MAKE-ACTION-QUERY( percept, t))
  description ← GENERATE-DESCRIPTION( percept)
  return COMPOUND-ACTION(SAY(description), DO(action))
```