1995 Paper 9 Question 10

Natural Language Processing

Imagine you were to construct a natural language processing system for solving syllogisms expressed in English, behaving approximately as indicated:

User:	All men are mortal.	System:	OK
User:	Socrates is a man.	System:	OK
User:	Is Socrates mortal?	System:	Yes

Describe the components of such a system and how they would fit together.

[20 marks]