Frame-based knowledge representation
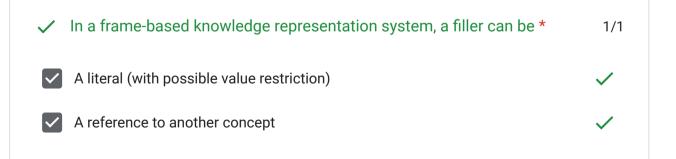
Total points   2/4

The respondent's email (**m22cs060@iitj.ac.in**) was recorded on submission of this form.

✓ In a frame-based knowledge representation system *   1/1

(●) A frame represents a concept   ✓

(○) A slot represents a concept

(○) A filler represents a concept

✓ In a frame-based knowledge representation system, a filler can be *   1/1

[✓] A literal (with possible value restriction)   ✓

[✓] A reference to another concept   ✓

✗ **Which of the statements are true for the following frame-based knowledge representation?**   *0/1

☐ Book-1 must have exactly one Publisher

☐ Author-1 has no affiliation

☑ Author-1 is an instance of a Person   ✓

☑ A Publisher can have exactly one name   ✓

Correct answer

☑ Author-1 is an instance of a Person

☑ Book-1 must have exactly one Publisher

☑ A Publisher can have exactly one name

✗ In a frame-based knowledge representation system, a generic frame   *0/1
   represents

○ A class

○ An instance

◉ Can be either a class or an instance   ✗

Correct answer

◉ A class

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