Algorithm 1

- 1: Select a question template for a question type
- 2: Get **tokens** from template
- 3: for each token in tokens do
- 4: if isObjectProperty(token) == true then
- 5: Select Randomly an Element of SubProperty following the **axiom prerequisites** for the selected question type using Reasoner
- 6: $\mathbf{checkFormat}(token)$ {hyphen}
- 7: else if isClass(token) == true then
- 8: Select Randomly an Element of SubClass following the **axiom prerequisites** for the selected question type using Reasoner
- 9: $\mathbf{checkFormat}(token) \{ \text{hyphen} \}$
- 10: $\mathbf{checkArticle}(token)$
- 11: **else if isQuantifier**(token) == true **then**
- 12: Select a Random Quantifier either 'only' or 'some' following the **axiom pre- requisites** for the selected question type using Reasoner
- 13: **end if**
- 14: end for
- 15: Fill in the template
- 16: Render