

CSCI3100 In-Class Practice

Logic Specifications

Date: _____

Students Names: _____ IDs: _____

For the `input_text(m,n)` example given on the lecture notes, we consider the following three inputs:

(1) `#Am I a Text?#`

(2) `##`

(3) `#This must be a Text#`

Answer the following questions:

(a) Is it a text?

(b) If not, why? If yes, what are the k , m_j , h_j values which will satisfy `input_text()` requirements?

Answer:

(1) a. _____ yes _____ no

b. It is not a text because _____

It is a text for the following values:

k : _____

m_j 's: _____

h_j 's: _____

(2) a. _____ yes _____ no

b. It is not a text because _____

It is a text for the following values:

k : _____

m_j 's: _____

h_j 's: _____

(3) a. _____ yes _____ no

b. It is not a text because _____

It is a text for the following values:

k : _____

m_j 's: _____

h_j 's: _____