Assignment 7

The due date for submitting the assignment is passed. All assignments are received by the due date.

1. Consider the following language:

   \[
   \{ w \mid w \text{ is a string of digits and has length } n, n \text{ is a positive integer} \}
   \]

   (a) is deterministic?
   (b) is unambiguous?
   (c) is recursively enumerable?

2. Consider the following language:

   \[
   \{ w \mid w \text{ is a string of digits and has length } n, n \text{ is a positive integer} \}
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   (a) is deterministic?
   (b) is unambiguous?
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3. Consider the following language:

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   (b) is unambiguous?
   (c) is recursively enumerable?