CSCI 445/545 Programming Assignment 1

Department of Engineering and Computer Science
Virginia State University, Virginia 23806
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Using any programming language of your choice, implement a program that converts the content in a file to the appropriate form to be placed in the body of the `BISYNC` protocol, and saved the output to an output file. Your program must meet the following requirement,

- Read a file whose content is the data to be transmitted using the BISYNC protocol.

- Write to a file that contains the data that is in the appropriate form that is readily to be placed in the body of the `BISYNC` protocol.

- The hexadecimal values of `DLE`, `STX`, and `ETX` are,

Special Character	Hexadecimal
STX	02
ETX	03
DLE	10

- Provide sufficient test cases (minimally one).

Submission:
Submit your Blackboard by 5PM, September 5, 2016.

In your submission, include source code files, inputs of your test cases, outputs of test cases, and clearly indicate which input corresponding to which output.