

# CSCI 445/545 Programming Assignment 1

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Using any programming language of your choice, implement a program convert the content in a file to appropriate form to be placed in the body of the BISYNC protocol. 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.