CS2203 / CSX3004 Programming Languages
Assignment 1
Due Date: Monday, June 27, 2022 by midnight

1. Give a BNF Grammar for each of the following languages.
    a. The set of all strings consisting of an uppercase letter followed by zero or more additional characters, each of which is either an uppercase letter or one of the digits 0 through 5.

    b. The set of all strings consisting of the keyword begin, followed by one or more statements with a semicolon after each one, followed by the keyword end.
        <u>Note</u>: Use the non-terminal <statement> for a single statement. You are not required to give productions for it.

2. Give a syntax diagram for each of the languages of Exercise 1. Use branching and loops in your syntax diagrams to make them as nice as possible.