

# CSCI 301, Math Exercises # 7

YOUR NAME HERE

Due date: Midnight, Wednesday, December 5

Find  $LL(1)$  parse tables for each of the grammars below.

1.

$$S \rightarrow a \mid ba \mid c$$

2.

$$S \rightarrow A \mid B \mid C$$

$$A \rightarrow aa$$

$$B \rightarrow ba$$

$$C \rightarrow ca$$

3.

$$S \rightarrow aa \mid bA$$

$$A \rightarrow a \mid b$$

4.

$$S \rightarrow aaSb \mid c$$