

Compiler design principles – Homework #1

First, download the provided project.

Your task is to modify the grammar in the project to accept cases where a signed number comes after an operator.

Examples:

$5++5$ should be treated as $5+5$.

$6+-5$ should be treated as $6-5$.

$8*+5$ should be treated as $8*5$.

$25--5$ should be treated as $25-(-5)$.

$5/-5$ should be treated as $5/(-5)$.

$-5++5$ should be treated as $-5+5$.

Note: The signed number should be displayed correctly in the parse tree.