# Homework 3 - Grammars

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BNF (from assignment page):

IntExp : INT | INT "+" IntExp | INT "-" IntExp | "(" IntExp ")" ;

BNF of BNF:

IntExp := INT Operation INT;
INT := Number;
Number := "- infinity";
…
Number := "+ infinity";
Operation := Plus | Subtraction | Multiplication | Division;
Plus := "+";
Subtraction := "-";
Multiplication := "x";
Division := " / ";

BNF of a BNF would describe the rules or components that make up a BNF. It removes some layers of abstraction so the language could be understood.