

A partial grammar for a very simple programming language

```
<Block>          →      { <StatementList> }
<StatementList> →      <Statement>; <StatementList> | ε
<Statement>      →      <Assign> | <Increment> | <IfElse>
<Assign>          →      <Variable> = <Expression>
<Increment>       →      <Variable> ++
<IfElse>          →      if ( <Condition> ) then <Block> else <Block>
<Condition>       →      <Variable> == <Expression>
<Expression>      →      <Variable> | <Number> | <Increment> | <Variable> + <Variable>
<Variable>        →      <Variable><Letter> | <Letter>
<Letter>          →      a | b | c | d | e
<Number>          →      <Number><Number> | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9
```