Lexical Analyzer BNF

main

lex

getChar

```
<ifstatement> ::= <ifthen> | <ifthenelse>

<ifthenelse> ::= <ifthen> else <body> | <ifthenelse> <ifthen> else <body>

<ifthen> ::= if (<condition>) <statement> | if (<condition>) <body>

<condition> ::= <expression><relop><expression>| <condition><logicop><condition>

<relop> ::= != | ==

<body> ::= <statement> | <decdef> | <body> <statement> | <body> <decdef>

<statement> ::= <assignment>;
```

skipBlank

addToList

```
<ifstatement> ::= <ifthen> | <ifthenelse>
<ifthenelse> ::= <ifthen> else <body> | <ifthenelse> <ifthen> else <body>
<body> ::= <statement> ;

<statement> ::= <assignment>; | <condstatement>; | <iterativestatement>;
<iterativestatement> ::= <while> ;
```

printList