```
// Generated from C:\Users\u005Cuser\Documents\Compiler\Skeleton\src/decaf/
    DecafLexer.g4 by ANTLR 4.6
package decaf:
import org.antlr.v4.runtime.Lexer;
import org.antlr.v4.runtime.CharStream;
import org.antlr.v4.runtime.Token;
import org.antlr.v4.runtime.TokenStream;
import org.antlr.v4.runtime.*;
import org.antlr.v4.runtime.atn.*;
import org.antlr.v4.runtime.dfa.DFA;
import org.antlr.v4.runtime.misc.*;
@SuppressWarnings({"all", "warnings", "unchecked", "unused", "cast"})
public class DecafLexer extends Lexer {
        static { RuntimeMetaData.checkVersion("4.6", RuntimeMetaData.VERSION); }
        protected static final DFA[] _decisionToDFA;
        protected static final PredictionContextCache _sharedContextCache =
                new PredictionContextCache();
        public static final int
                BOOLEAN=1, BREAK=2, CALLOUT=3, CLASS=4, CONTINUE=5, ELSE=6,
                   FALSE=7, FOR=8,
                IF=9, INT=10, RETURN=11, TRUE=12, VOID=13, LCURLY=14, RCURLY=15,
                    LBRACE=16,
                RBRACE=17, LSQUARE=18, RSQUARE=19, COMMA=20, ASSIGN=21,
                    PLUSASSIGN=22,
                MINUSASSIGN=23, PLUS=24, MINUS=25, MULT=26, MOD=27, DIV=28, NOT
                    =29, AND = 30,
                OR=31, EQ=32, NEQ=33, LT=34, GT=35, LTE=36, GTE=37, END=38, ID
                    =39, WS_{=}=40,
                SL_COMMENT=41, CHAR=42, STRING=43, NUMBER=44;
        public static String[] modeNames = {
                "DEFAULT_MODE"
        };
        public static final String[] ruleNames = {
                "BOOLEAN", "BREAK", "CALLOUT", "CLASS", "CONTINUE", "ELSE", "
                    FALSE", "FOR",
                "IF", "INT", "RETURN", "TRUE", "VOID", "LCURLY", "RCURLY", "
                LBRACE", "RBRACE",
"LSQUARE", "RSQUARE", "COMMA", "ASSIGN", "PLUSASSIGN", "
                   MINUSASSIGN",
                "PLUS", "MINUS", "MULT", "MOD", "DIV", "NOT", "AND", "OR", "EQ",
                    "NEQ",
                "LT", "GT", "LTE", "GTE", "END", "ID", "WS_", "SL_COMMENT", "CHAR", "STRING",
                "DIGIT", "HEX", "NUMBER", "ESC", "NOTESC"
        };
        private static final String[] _LITERAL_NAMES = {
                null, "'boolean'", "'break'", "'callout'", "'class'", "'continue
                    '", "'else'"
                "'false'", "'for'", "'if'", "'int'", "'return'", "'true'", "'
                   void'", "'{'"
                "')}'", "'('", "')'", "'['", "']'", "','", "'='", "'+='", "'-='".
```

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", "'<'",
        "'>'"', "'', "''>='", "'';'"
};
private static final String[] _SYMBOLIC_NAMES = {
        null, "BOOLEAN", "BREAK", "CALLOUT", "CLASS", "CONTINUE", "ELSE"
        , "FALSE", "FOR", "IF", "INT", "RETURN", "TRUE", "VOID", "LCURLY", "RCURLY"
            , "LBRACE",
        "RBRACE", "LSQUARE", "RSQUARE", "COMMA", "ASSIGN", "PLUSASSIGN",
             "MINUSASSIGN",
        "PLUS", "MINUS", "MULT", "MOD", "DIV", "NOT", "AND", "OR", "EQ",
            "NEQ",
        "LT", "GT", "LTE", "GTE", "END", "ID", "WS_", "SL_COMMENT", "
           CHAR", "STRING",
        "NUMBER"
public static final Vocabulary VOCABULARY = new VocabularyImpl(
   _LITERAL_NAMES, _SYMBOLIC_NAMES);
/**
* @deprecated Use {@link #VOCABULARY} instead.
@Deprecated
public static final String[] tokenNames;
static {
        tokenNames = new String[_SYMBOLIC_NAMES.length];
        for (int i = 0; i < tokenNames.length; i++) {
                tokenNames[i] = VOCABULARY.getLiteralName(i);
                if (tokenNames[i] == null) {
                        tokenNames[i] = VOCABULARY.getSymbolicName(i);
                if (tokenNames[i] == null) {
                        tokenNames[i] = "<INVALID>";
        }
@Override
@Deprecated
public String[] getTokenNames() {
        return tokenNames;
}
@Override
public Vocabulary getVocabulary() {
       return VOCABULARY;
public DecafLexer(CharStream input) {
        super(input);
        _interp = new LexerATNSimulator(this,_ATN,_decisionToDFA,
            _sharedContextCache);
}
```

```
@Override
public String getGrammarFileName() { return "DecafLexer.g4"; }
public String[] getRuleNames() { return ruleNames; }
public String getSerializedATN() { return _serializedATN; }
@Override
public String[] getModeNames() { return modeNames; }
public ATN getATN() { return _ATN; }
public static final String _serializedATN =
      "\3\u0430\ud6d1\u8206\uad2d\u4417\uaef1\u8d80\uaadd\2.\u012c\b
         1\4\2\t"+
      "\2\4\3\t\3\4\t\4\t\4\5\t\5\4\6\t\6\4\7\t\7\4\b\t\b\4\t\t\t\4\n\
         t\n\4\13"+
      "\t13\4\f\t16\4\r\t16\t16\4\17\t17\4\20\t120\4\21\t
         \21\4\22\t\22"+
      "\4\23\t\23\4\24\t\25\t\25\4\26\t\26\4\27\t\27\4\30\t
         \30\4\31\t\31"+
      "\4\32\t\32\4\33\t\33\4\34\t\34\4\35\t\35\4\36\t\36\4\37\t\37\4
         \t \4!"+
      "\t!\4\"\t\"\4#\t#\4$\t$\4%\t%\4&\t&\4\'\t\'\4(\t(\4)\t)\4*\t
         *\4+\t+\4"+
      ",\t,\4-\t-\4.\t.\4/\t/\4\60\t\60\4\61\t
         \61\3\2\3\2\3\2\3\2\3\2\3\2"+
         "\3\b\3\b\3\b\3\b\3\b\3\t\3\t\3\t\3\t\3\n\3\n\3\n
         \3\13\3\13\3\13\3"+
      \3\16\3\16\3\16\3\16"+
         \3\16\3\17\3\17\3\20\3\20\3\21\3\21\3\22\3\23\3\23\3\24\3\24\3\25
         \3\25\3\26\3\26\3\27\3\27\3\27\3\30\3\30\3\31\3\31\3\32\3\32\3\33
      \3!\3!\3!\3"+
      \n(\f("+
      "\16(\u00ef\13(\3)\3)\3)\3*\3*\3*\7*\u00f9\n*\f*\16*\u00fc
         \13*\3"+
      "*\3*\3*\3+\3+\3+\5+\u0105\n+\3+\3,\3,\3,\7,\u010c\n,\f
         ,\16,\u010f"+
      "\13,\3,\3,\3-\3-\3.\5.\u0117\n.\3/\6/\u011a\n/\r/\16/\u011b
         \3/\3/\3"+
      "/\3/\6/\u0122\n/\r/\16/\u0123\5/\u0126\n
```

```
/\3\60\3\60\3\60\3\61\3\61\2\2"+
"\62\3\3\5\4\7\5\t\6\13\7\r\b\17\t\21\n\23\13\25\f\27\r
   \31\16\33\17\35"+
"\20\37\21!\22#\23%\24\',\25)
   \26+\27-\30/\31\61\32\63\33\65\34\67\359\36"+
";\37 = ?!A\"C#E$G%I&K\'M(0)Q*S+U,W-Y\2[\2]._\2a\2\3\2\n\5\2C\\
   aac | \6\2"+
\label{lambda} $$ ''\62; C\ac | 4\2\13\f''' 3\2\f f 3\2\62; 4\2CHch 7\2\$\$))^^ppvv $$
   \6\2\13"+
\label{eq:linear_condition} $$ ))^^\u0130\2\3\3\2\2\2\2\2\2\t
   \3\2\2\2\2\13\3"+
"\2\2\2\2\r
   \3\2\2\2\17\3\2\2\2\1\3\2\2\2\2\2\3\3\2\2\2\2\2\5\3\2\2\2"
   \2\27\3\2\2\2\31\3\2\2\2\33\3\2\2\2\35\3\2\2\2\2\37\3\2\2\2\2\3
"\2\2\2\2#\3\2\2\2\3\3\2\2\2\2\',\3\2\2\2\2)
   \3\2\2\2\2+\3\2\2\2\2-\3\2"+
   \2\2\2\1\3\2\2\2\61\3\2\2\2\63\3\2\2\2\65\3\2\2\2\67\3\2\2\2\2\6
"9\3\2\2\2;\3\2\2\2=\3\2\2\2?\3\2\2\2\2\A\3\2\2\2C
   \3\2\2\2\2E\3"+
"\2\2\2G\3\2\2\2I\3\2\2\2K\3\2\2\2M\3\2\2\2\2O\3\2\2\2\2
   Q\3\2\2"+
"\2\2S\3\2\2\2U\3\2\2\2W\3\2\2\2]\3\2\2\3c\3\2\2\2\5k
   \3\2\2\2\7"+
"q\3\2\2\ty\3\2\2\13\177\3\2\2\r\u0088\3\2\2\17\u008d
   \3\2\2\2\21"+
"\u0093\3\2\2\2\2\10097\3\2\2\2\2\1009a\3\2\2\2\2\1009e
   \3\2\2\2\31\u00a5"+
u00b3\3\2"+
"\2\2#\u00b5\3\2\2\2\\u00b7\3\2\2\2\',\u00b9\3\2\2\2)\u00bb
   \3\2\2\2+\u00bd"+
"\3\2\2\2-\u00bf\3\2\2\2\\u00c2\3\2\2\61\u00c5\3\2\2\63\
   u00c7 \3\2\2"+
"\2\65\u00c9\3\2\2\67\u00cb\3\2\2\29\u00cd\3\2\2\2:\u00cf
   \3\2\2\2=\u00d1"+
\3\2\2\2G"+
"\u00df\3\2\2I\u00e1\3\2\2K\u00e4\3\2\2M\u00e7\3\2\2D\
   u00e9\3\2"+
"\2\2Q\u00f0\3\2\2\2S\u00f4\3\2\2\2U\u0101\3\2\2\2W\u0108
   \3\2\2\2Y\u0112"+
\3\2\2\2c"+
"d\7d\2\2de\7q\2\2fg\7n\2\2gh\7g\2\2hi\7c\2\2ij\7p\2\2j
   \4\3\2"+
\7e\2\2"+
"rs\7c\2\2st\7n\2\2tu\7n\2\2uv\7q\2\2vw\7w\2\2wx\7v\2\2x\b
   3\2\2\2\yz\7"+
\verb|"e\2\2z{\7n\2\2{|\7c\2\2|}\7u\2\2}^\7u\2\2^\n\3\2\2\177\u0080|
   \7e\2\2"+
"\u0080\u0081\7q\2\2\u0081\u0082\7p\2\2\u0082\u0083\7v\2\2\u0083
```

- \u0084"+
- "\7k\2\2\u0084\u0085\7p\2\2\u0085\u0086\7w\2\2\u0086\u0087\7g \2\2\u0087"+
- $\label{eq:continuous} $$ ''f'(3)(2)(2)u0088(u0089)^7g'(2)(u008a)^7u'(2)(u008b)''+$
- "\u0090\7n\2\2\u0090\u0091\7u\2\2\u0091\u0092\7g\2\2\u0092\20\3\2\2\2\u0093"+
- "\u0094\7h\2\2\u0094\u0095\7q\2\2\u0095\u0096\7t\2\2\u0096\22\3\2\2\2\u0097"+
- "\u0098\7k\2\\u0098\u0099\7h\2\\\u0099\24\3\\2\\\u009a\u009b\7 k\2\\\u009b"+
- "\u009c\7p\2\2\u009d\7v\2\2\u009d\26\3\2\2\u009e\u009f\7 t\2\2\u009f"+
- "\u00a3\u00a4\7p\2\\u00a4\30\3\\2\\2\\u00a5\\u00a6\7v\\2\\\u00a6\\u00a7\7\"+
- "t\2\2\u00a7\u00a8\7\w\2\2\u00a8\u00a9\7g\2\2\u00a9\32\3\2\2\ u00aa\u00ab"+
- $\label{eq:condition} $$ ''^x\2\2\u00ac\u00ad\7k\2\2\u00ae\7f\2\2\u00ae"+$
- "\34\3\2\2\u00b1\u00b0\7}\2\2\u00b0\36\3\2\2\2\u00b1\u00b2 \7\177\2\2"+
- "\u00b2 \3\2\2\u00b3\u00b4\7*\2\2\u00b4\"\3\2\2\u00b5\u00b6\7+\2\2"+
- "\u00b6\$\3\2\2\u00b7\u00b8\7]\2\2\u00b8&\3\2\2\u00b9\u00ba\7
- "\3\2\2\\\u00c1\7?\2\\u00c1\7?\2\\u00c1\.\3\2\2\\\u00c2\\u00c2\\u00c3\\+
- "\7/\2\2\u00c3\u00c4\7?\2\2\u00c4\60\3\2\2\2\u00c5\u00c6\7-\2\2\ u00c6\62"+
- "\3\2\2\u00c7\u00c8\7/\2\u00c8\64\3\2\2\u00c9\u00ca\7,\2\2\u00ca"+
- "\66\3\2\2\u00cb\u00cc\7\'\2\\u00cc8\3\2\2\\u00cd\u00ce\7\61\2\\\u00ce\"+
- ":\3\2\2\u00dcf\u00d0\7#\2\2\u00d0<\3\2\2\2\u00d1\u00d2\7(\2\2\ u00d2\u00d3"+
- "\7(\2\2\u00d3>\3\2\2\\u00d4\u00d5\7~\2\2\u00d5\u00d6\7~\2\2\ u00d6@\3"+
- $\label{eq:condensity} $$ ''^2\2\u00d8\100d9\7?\2\u00d9B\3\2\2\u00da\u00db"+$
- $\label{eq:condense} $$ '7\#\2\2\u00de\3\2\2\u00dd\u00de\7>\2\u00de\3"+$
- "\2\2\u00df\u00e0\7@\2\2\u00e0H\3\2\2\u00e1\u00e2\7>\2\2\ u00e2\u00e3"+
- "\7?\2\2\u00e3J\3\2\2\u00e4\u00e5\7@\2\2\u00e5\u00e6\7?\2\2\ u00e6L\3"+
- "\2\2\\u00e7\\u00e8\7=\2\\u00e8N\3\2\2\\u00e9\\u00ed\t\2\2\\ u00ea\\u00ec"+
- $\label{local} $$ ''t^3^2\u00eb\u00ea^3^2\u00ec\u00ef^3^2\u00ed\u00eb\u3^2^2\u00ed"+$

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u00f5\7\61"+
                            "\2\2\u00f5\u00f6\7\61\2\2\u00f6\u00fa\3\2\2\u00f7\u00f9\n
                                          \5\2\2\u00f8"+
                           u00fb\3\2"+
                           "\2\2\u00fb\u00fd\3\2\2\u00fc\u00fa\3\2\2\\u00fd\u00fe\7\f
                                         \2\2\u00fe"+
                           "\u00ff\3\2\2\u00ff\u0100\b*\2\2\u0100T\3\2\2\u0101\u0104\7)
                                         \2\2\u0102"+
                           u0103\3\2"+
                           "\2\2\u0105\u0106\3\2\2\\u0106\u0107\7)\2\2\u0107V\3\2\2\2\
                                         u0108\u010d"+
                           "\7 \2\2\u0109\u010c\5_\60\2\u010a\u010c\5a\61\2\u010b\u0109
                                         \3\2\2\2\u010b"+
                           "\u010a\3\2\2\u010c\u010f\3\2\2\u010d\u010b\3\2\2\2\u010d
                                         u010e\3\2"+
                           "\2\2\u010e\u0110\3\2\2\2\u010f\u010d\3\2\2\2\u0110\u0111\7$
                                          \2\2\u0111"+
                           "X\3\2\2\u0112\u0113\t\6\2\2\u0113Z\3\2\2\u0114\u0117\t
                                         \7\2\2\u0115"+
                           \verb||| \verb||| u0117 \\ || 5Y - \verb||| 2 \\ || u0116 \\ || u0114 \\ || 3 \\ || 2 \\ || 2 \\ || u0116 \\ || u0115 \\ || 3 \\ || 2 \\ || 2 \\ || u0117 \\ || 3 \\ || 2 \\ || 2 \\ || u0116 \\ || u0115 \\ || 3 \\ || 2 \\ || 2 \\ || u0117 \\ || 3 \\ || 2 \\ || 2 \\ || u0117 \\ || 3 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\ || 2 \\
                                          \\\3\2\2\2\u0118"+
                           "\u011a\57-\2\u0119\u0118\3\2\2\2\u011a\u011b\3\2\2\2\u011b\
                                         u0119 \3\2\2"+
                           "\2\u011b\u011c\3\2\2\u011c\u0126\3\2\2\u011d\u011e
                                          \7\62\2\2\u011e"+
                           \verb||u011f||7z||2||u011f||u0121||3||2||2||u0120||u0122||5||.||2||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||u0120||
                                         \3\2\2"+
                           "\2\u0122\u0123\3\2\2\u0123\u0121\3\2\2\u0123\u0124\3\2\2\
                                         u0124\u0126"+
                           "\3\2\2\\u0125\\u0119\\3\\2\\\\u0125\\u011d\\\3\\\2\\\\\\u0126
                                          ^\3\2\2\2\u0127"+
                           "\u0128\t^2\2\u0128\t^b\2\2\u0129 `\3\2\2\u012a\u012b\n\
                                         t\2\2\u012b"+
                           "b\3\2\2\f\2\u00ed\u00fa\u0104\u010b\u011d\u0116\u011b\u0123\
                                         u0125\3"+
                           "\b\2\2";
public static final ATN _ATN =
                           new ATNDeserializer().deserialize(_serializedATN.toCharArray());
                           _decisionToDFA = new DFA[_ATN.getNumberOfDecisions()];
                           for (int i = 0; i < _ATN.getNumberOfDecisions(); i++) {</pre>
                                                       _decisionToDFA[i] = new DFA(_ATN.getDecisionState(i), i)
}
```

}