A compiler Project For Language TATA

I. LEXICAL CONVENTIONS

1. Keywords **If else int return void while** (reserved / lower case)
2. Identifiers
   ID = $Letter+
   Letter=[a-z][A-Z]
3. Numbers
   Num=digit+
   Digit=[0-9]
4. Symbols

+	**PLUS**	{	**LCURLY**	=	**ASSIGN**
-	**MINUS**	}	**RCURLY**	==	**Compare**
*	**TIMES**	<	**LT**	;	**SEMI**
/	**OVER**	<=	**LE**	,	**COMMA**
(	**LPAREN**	|	Or	[	**LBRACKET**
)	**RPAREN**	&	and	]	**RBRACKET**
!=	**NE**	!	not	===	StrictCompare

5. **White space (blanks, newlines, and tabs)**
6. **Single Line Comments<!--This is a Comment-->**
7. Multi-Line comment ##this is multi-line comment#