|  |  |  |
| --- | --- | --- |
| LANGUAGE NAME | : | **Zb(Zeeh – Flat)** |
| EXTENSION NAME | : | **.zf** |
| PROGRAMMING LANGUAGE | : | **Java** |
| TARGET LANGUAGE | : | **Haskell** |
| CASE SENSITIVE | : | **No** |
| COMMENTING | : | **#. .#** |
| OPERATORS | : | **+ - / \* % ^ =** |
| DELIMITER | : | **;** |
| FREE FIELD | : | **Yes** |

CONTEXT FREE GRAMMAR

|  |  |  |
| --- | --- | --- |
| <letter> | ::= | a|b|c … |z |
| <number> | ::= | 0|1..|9 |
| <delim> | ::= | ; |
| <variable> | ::= | <letter>|<letter><variable> |
| <mdas> | ::= | +| -| /| \*| %| ^ |
| <logical> | ::= | AND|OR|NOT |
| <equal> | ::= | = |
| <relational> | ::= | >|<|>=|<=|==|!= |
| <keyword> | ::= | if| for| else| elseif| func |
| <operator> | ::= | <mdas>|<logical>|<relational> |
| <term > | ::= | <variable><operator><variable>| <term><operator><variable>| <variable><operator><term>| <term><operator><term>| <number><operator><variable>| <number><operator><number>| <number><operator><term> |
| <expression> | ::= | <variable><equal><term><delim> |
| <block> | ::= | { <expression> } |
| <funcname> | ::= | func <letter>| func <variable> |
| <funcbody> | ::= | <funcname> <block> |