

Contents

1 Gramática

1

1 Gramática

```
file_input: (NEWLINE | stmt)* ENDMARKER
```

```
stmt: simple_stmt | compound_stmt
simple_stmt: small_stmt [';'] NEWLINE
small_stmt: expr_stmt | print_stmt
expr_stmt: test [('=' | augassign) test]
augassign: '+=' | '-='
print_stmt: 'print' [test]
```

```
compound_stmt: if_stmt | while_stmt
if_stmt: 'if' test ':' suite ('elif' test ':' suite)* ['else' ':' suite]
while_stmt: 'while' test ':' suite
suite: simple_stmt | NEWLINE INDENT stmt+ DEDENT
```

```
test: or_test
or_test: and_test ('or' and_test)*
and_test: not_test ('and' not_test)*
not_test: 'not' not_test | comparison
comparison: expr (comp_op expr)*
comp_op: '<' | '>' | '==' | '>=' | '<=' | '!=' | 'in' | 'not in'
expr: term (('+' | '-') term)*
term: factor (('*' | '/' | '%' | '//') factor)*
factor: ('+' | '-') factor | power
power: atom ['**' factor]
atom: NAME | INTEGER | STRING | FLOAT | BOOLEAN
```