Grammatica EBNF

program → *decl-list* | *body*
decl-list → {*decl* ;}
decl → *type* : *id-list*
type → **intero** | **decimale** | **stringa** | **boolean**
id-list → **id** {**, id**}
body → **inizio** *stat-list* **fine .**
stat-list → {*stat* ;}
stat → *assign-stat* | *se-stat* | *ripeti-stat* | **stop** | *scrivi-stat* | *inserisci-stat* | *inc-dec-stat*
assign-stat → **id =** *rhs-assign-stat*
rhs-assign-stat → *math-expr* | **bool-const** | **string-const**
bool-const → **vero** | **falso**
math-expr → *math-term* {(**+** | **-**) *math-term*}
math-term → *math-factor* {(***** | **/**) *math-factor*}
math-factor → **(** *math-expr* **)** | *radice-stat* | **num-const**
radice-stat → **radice (** *math-expr* **)**
num-const → **intconst** | **realconst** | **id**
se-stat → **se (** *logical-expr* **) vero fai :** *stat-list* [*altrimenti-stat*] **fine**
altrimenti-stat → **altrimenti :** *stat-list*
logical-expr → *rel-expr* {(**e** | **o**) *rel-expr*}
rel-expr → *rel-term* [(**<** | **<=** | **>** | **>=** | **==** | **!=**) *rel-term*]
rel-term → *num-const* | **id** | **(** *logical-expr* **)**
ripeti-stat → **ripeti intconst volte :** *stat-list* **fine**
scrivi-stat → **scrivi (** *scrivi-arg* **)**
scrivi-arg → **strconst** | **id** | **num-const**
inserisci-stat → **inserisci (id)**
inc-dec-stat → **id++** | **id--**