## Pravidlá: link na zadanie

```
/* Hlavné časti programu */
                                      oprolog><func def list>
    oq>
    olog>
                                      package main
                             ->
    <stat>
                             ->
    <stat>
                             ->
                                      return <exps><stat>
    /* Definícia funkcie */
5. <func def list>
                                      <func def><func def list>
    <func def list>
                             ->
                                      FOF
7. <func def>
                             ->
                                      func [id] (<param list> <return types> <stat>
    /* Parametre pri definícii funkcie */
8. <param list>
                                      [id] <type><param_list_n>
   <param list>
                              ->
10. <param_list_n>
                              ->
11. <param list n>
                                       , [id] <type><param list n>
                              ->
    /* Návratové typy pri definícii funkcie */
12. <return types>
13. <return types>
                                      ( <type> <return types n> {
14. <return_types_n>
                             ->
                                      , <type> <return types n>
15. <return types n>
    /* Argumenty pri volaní funkcie */
16. <func args>
17. <func args>
                             ->
                                      <term><func args n>
18. <func args n>
                             ->
                                      , <term><func args n>
19. <func_args_n>
    /* Kľúčové slová primitívnych typov */
20. <type>
                                      int
21. <type>
                                      float64
```

string

->

22. <type>

```
/* Termy */
23. <term>
                                       [id]
                              ->
24. <term>
                                       [int literal]
                              ->
25. <term>
                              ->
                                       [float literal]
26. <term>
                                       [string literal]
    /* If else vetvenie */
27. <stat>
                                       <if else><stat>
                              ->
28. <if else>
                              ->
                                       if <exp> { <stat> else { <stat>
    /* For cyklus */
29. <stat>
                          -> for <for def> <for exp> <for assign> <stat> <stat>
30. <for def>
                              ->
31. <for def>
                              ->
                                       [id] <for_def_var>
32. <for def var>
                                       , [id] <for def var>
33. <for def var>
                                       := <exp><for def exp n>
                              ->
34. <for def exp n>
                              ->
35. <for def exp n>
                                       , <exp><for def exp n>
                              ->
36. <for exp>
                                       <exp>;
37. <for assign>
                              ->
38. <for assign>
                              ->
                                       [id] <for assign var>
39. <for assign var>
                              ->
                                       , [id] <for assign var>
40. <for assign var>
                                       = <exp><for assign exp n>
41. <for_assign_exp_n>
                              ->
42. <for assign exp n>
                                       , <exp><for assign exp n>
    /* Priradenie a definícia premenných */
43. <stat>
                                       [id] <var> <stat>
44. <var>
                              ->
                                       = <exps>
45. <var>
                              ->
                                       := <exps>
46. <var>
                                       , [id] <var>
                              ->
47. <var>
                              ->
                                       ( <func args>
48. <exps>
                              ->
                                       [id] ( <func args>
49. <exps>
                              ->
                                       <exp><exps n>
50. <exps n>
                              ->
                                       , <exp><exps n>
                              ->
51. <exps n>
                                       \n
                                       [expression analyzer]
52. <exp>
                              ->
```