@decl

let a be int of 15

let b be int of 2

@impl

if a > 9 then do

make b be a + 5

else do

make b be a \*\* 2

fi

for (make a be 1) by 1 to b do

print a, b - a

rof

Таблица лексем:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Номер | Номер строки | Код лексемы | Лексема | Код идентификатора | Код константы |
| 1 | 1 | 37 | @decl |  |  |
| 2 | 2 | 21 | let |  |  |
| 3 | 2 | 101 |  | 1 |  |
| 4 | 2 | 20 | be |  |  |
| 5 | 2 | 1 | int |  |  |
| 6 | 2 | 19 | of |  |  |
| 7 | 2 | 100 |  |  | 1 |
| 8 | 3 | 21 | let |  |  |
| 9 | 3 | 101 |  | 2 |  |
| 10 | 3 | 20 | be |  |  |
| 11 | 3 | 1 | int |  |  |
| 12 | 3 | 19 | of |  |  |
| 13 | 3 | 100 |  |  | 2 |
| 14 | 4 | 38 | @impl |  |  |
| 15 | 5 | 2 | if |  |  |
| 16 | 5 | 100 |  | 1 |  |
| 17 | 5 | 25 | > |  |  |
| 18 | 5 | 100 |  |  | 3 |
| 19 | 5 | 39 | then |  |  |
| 20 | 5 | 10 | do |  |  |
| 21 | 6 | 22 | make |  |  |
| 22 | 6 | 101 |  | 2 |  |
| 23 | 6 | 20 | be |  |  |
| 24 | 6 | 101 |  | 1 |  |
| 25 | 6 | 29 | + |  |  |
| 26 | 6 | 100 |  |  | 5 |
| 27 | 7 | 4 | else |  |  |
| 28 | 7 | 10 | do |  |  |
| 29 | 8 | 22 | make |  |  |
| 30 | 8 | 101 |  | 2 |  |
| 31 | 8 | 20 | be |  |  |
| 32 | 8 | 101 |  | 1 |  |
| 33 | 8 | 32 | \*\* |  |  |
| 34 | 8 | 100 |  |  | 6 |
| 35 | 9 | 5 | fi |  |  |
| 36 | 10 | 6 | for |  |  |
| 37 | 10 | 13 | ( |  |  |
| 38 | 10 | 22 | make |  |  |
| 39 | 10 | 101 |  | 1 |  |
| 40 | 10 | 20 | be |  |  |
| 41 | 10 | 100 |  |  | 7 |
| 42 | 10 | 14 | ) |  |  |
| 43 | 10 | 8 | by |  |  |
| 44 | 10 | 100 |  |  | 7 |
| 45 | 10 | 9 | to |  |  |
| 46 | 10 | 101 |  | 2 |  |
| 47 | 10 | 10 | do |  |  |
| 48 | 11 | 12 | print |  |  |
| 49 | 11 | 101 |  | 1 |  |
| 50 | 11 | 15 | , |  |  |
| 51 | 11 | 101 |  | 2 |  |
| 52 | 11 | 30 | - |  |  |
| 53 | 11 | 101 |  | 1 |  |
| 54 | 12 | 7 | rof |  |  |

Таблица идентификаторов:

|  |  |  |  |
| --- | --- | --- | --- |
| Код | Название | Тип | Значение |
| 1 | a | int | 15 |
| 2 | b | int | 2 |

Таблица констант:

|  |  |  |
| --- | --- | --- |
| Код | Значение | Тип |
| 1 | 15 | int |
| 2 | 2 | int |
| 3 | 9 | int |
| 4 | 5 | int |
| 5 | 2 | int |
| 6 | 1 | int |