**Predict Set**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| # |  | PREDICT SET | |  |
| 1 | **First** ( <global>Lead : Start <body> End . <taskdef> ) | | **First** ( <global> ) | Let, Var, Task, Array, Object, Lead |
| 2 | **First** ( <global\_choice> .<global> ) | | **First** (<global\_choice> ) | Let, Var, Task, Array, Object |
| 3 | (**First** (λ) – λ) **∪ Follow** (<global>) | | **Follow** (<global>) | Lead |
| 4 | **First** ( <varlet> ) | | **First** ( <varlet> ) | Let, Var |
| 5 | **First** ( <array> ) | | **First** ( <array> ) | Array |
| 6 | **First** ( <task> ) | | **First** ( <task> ) | Task |
| 7 | **First** ( <object> ) | | **First** ( <object> ) | Object |
| 8 | **First** ( Int ) | | **First** ( Int ) | Int |
| 9 | **First** ( Double ) | | **First** ( Double ) | Double |
| 10 | **First** ( Char ) | | **First** ( Char ) | Char |
| 11 | **First** ( String ) | | **First** ( String ) | String |
| 12 | **First** ( Boolean ) | | **First** ( Boolean ) | Boolean |
| 13 | **First** ( Object id Start Var<dtype>id .<objdec\_choice> End <varname> ) | | **First** ( Object ) | Object |
| 14 | **First** ( <objvar> .<objdec\_choice> ) | | **First** ( <objvar> ) | Object |
| 15 | **First** ( <var> .<objdec\_choice> ) | | **First** ( <var> ) | Var |
| 16 | (**First** (λ) – λ) **∪ Follow** (<objdec\_choice>) | | **Follow** (<objdec\_choice>) | End |
| 17 | **First** ( Var<dtype> id ) | | **First** ( Var ) | Var |
| 18 | **First** ( Object id id ) | | **First** ( Object ) | Object |
| 19 | **First** ( id <varnames> ) | | **First** ( id ) | id |
| 20 | (**First** (λ) – λ) **∪ Follow** (<varname>) | | **Follow** (<varname>) | . |
| 21 | **First** ( ; <varname> ) | | **First** ( ; ) | ; |
| 22 | (**First** (λ) – λ) **∪ Follow** (<varnames>) | | **Follow** (<varnames>) | . |
| 23 | **First** ( Task <return> id <tparam> ) | | **First** ( Task ) | Task |
| 24 | **First** ( Null ) | | **First** ( Null ) | Null |
| 25 | **First** ( <dtype> ) | | **First** ( <dtype> ) | Int, Double, Char, String, Boolean |
| 26 | **First** ( ( Var<dtype> id <tparams> ) ) | | **First** ( ( ) | ( |
| 27 | (**First** (λ) – λ) **∪ Follow** (<tparam>) | | **Follow** (<tparam>) | . |
| 28 | **First** ( ; Var <dtype> id <tparams> ) | | **First** ( ; ) | ; |
| 29 | (**First** (λ) – λ) **∪ Follow** (<tparams>) | | **Follow** (<tparams>) | ) |
| 30 | **First** ( Array <dtype> id of <size> ) | | **First** ( Array ) | Array |
| 31 | **First** ( intlit<sizes> ) | | **First** ( intlit ) | intlit |
| 32 | **First** ( by intlit ) | | **First** ( by ) | by |
| 33 | (**First** (λ) – λ) **∪ Follow** (<sizes>) | | **Follow** (<sizes>) | . |
| 34 | **First** ( Let <vardec> ) | | **First** ( Let ) | Let |
| 35 | **First** ( Var<vardec> ) | | **First** ( Var ) | Var |
| 36 | **First** ( <varINT> ) | | **First** ( <varINT> ) | Int |
| 37 | **First** ( <varDOUBLE> ) | | **First** ( <varDOUBLE> ) | Double |
| 38 | **First** ( <varCHAR> ) | | **First** ( <varCHAR> ) | Char |
| 39 | **First** ( <varSTRING> ) | | **First** ( <varSTRING> ) | String |
| 40 | **First** ( <varBOOLEAN> ) | | **First** ( <varBOOLEAN> ) | Boolean |
| 41 | **First** ( Int id <initINT> ) | | **First** ( Int ) | Int |
| 42 | **First** ( is <value1><ids1> ) | | **First** ( is ) | is |
| 43 | **First** ( <ids1> ) | | **First** ( <ids1> ) | ; |
| 44 | **First** ( Double id <initDOUBLE> ) | | **First** ( Double ) | Double |
| 45 | **First** ( is <value2><ids2> ) | | **First** ( is ) | is |
| 46 | **First** ( <ids2> ) | | **First** ( <ids2> ) | ; |
| 47 | **First** ( Char id <initCHAR> ) | | **First** ( Char ) | Char |
| 48 | **First** ( is <value3><ids3> ) | | **First** ( is ) | is |
| 49 | **First** ( <ids3> ) | | **First** ( <ids3> ) | ; |
| 50 | **First** ( String id <initSTRING> ) | | **First** ( String ) | String |
| 51 | **First** ( is <value4><ids4> ) | | **First** ( is ) | is |
| 52 | **First** ( <ids4> ) | | **First** ( <ids4> ) | ; |
| 53 | **First** ( Boolean id <initBOOLEAN> ) | | **First** ( Boolean ) | Boolean |
| 54 | **First** ( is <value5><ids5> ) | | **First** ( is ) | is |
| 55 | **First** ( <ids5> ) | | **First** ( <ids5> ) | ; |
| 56 | **First** ( ; id is <value1><ids1> ) | | **First** ( ; ) | ; |
| 57 | (**First** (λ) – λ) **∪ Follow** (<ids1>) | | **Follow** (<ids1>) | . |
| 58 | **First** ( ; id is <value2><ids2> ) | | **First** ( ; ) | ; |
| 59 | (**First** (λ) – λ) **∪ Follow** (<ids2>) | | **Follow** (<ids2>) | . |
| 60 | **First** ( ; id is <value3><ids3> ) | | **First** ( ; ) | ; |
| 61 | (**First** (λ) – λ) **∪ Follow** (<ids3>) | | **Follow** (<ids3>) | . |
| 62 | **First** ( ; id is <value4><ids4> ) | | **First** ( ; ) | ; |
| 63 | (**First** (λ) – λ) **∪ Follow** (<ids4>) | | **Follow** (<ids4>) | . |
| 64 | **First** ( ; id is <value5><ids5> ) | | **First** ( ; ) | ; |
| 65 | (**First** (λ) – λ) **∪ Follow** (<ids5>) | | **Follow** (<ids5>) | . |
| 66 | **First** ( <numvalue><Operations1> ) | | **First** ( <numvalue> ) | intlit, id, ++, -- |
| 67 | **First** ( ( <value1> ) <Op1> ) | | **First** ( ( ) | ( |
| 68 | **First** ( <doublevalue><Operations2> ) | | **First** ( <doublevalue> ) | doublelit, id, ++, -- |
| 69 | **First** ( ( <value2> ) <Op2> ) | | **First** ( ( ) | ( |
| 70 | **First** ( charlit ) | | **First** ( charlit ) | charlit |
| 71 | **First** ( stringlit ) | | **First** ( stringlit ) | stringlit |
| 72 | **First** ( boollit ) | | **First** ( boollit ) | boollit |
| 73 | **First** ( intlit ) | | **First** ( intlit ) | intlit |
| 74 | **First** ( <numelement> ) | | **First** ( <numelement> ) | id, ++, -- |
| 75 | **First** ( <incdec\_null> id <subelement><incdec\_null> ; ) | | **First** ( <incdec\_null> ) | ++, --, id |
| 76 | **First** ( <incdec> ) | | **First** ( <incdec> ) | ++, -- |
| 77 | (**First** (λ) – λ) **∪ Follow** (<incdec\_null>) | | **Follow** (<incdec\_null>) | id, ; |
| 78 | **First** ( <mathOp><value1> ) | | **First** ( <mathOp> ) | +, -, \*, /, % |
| 79 | (**First** (λ) – λ) **∪ Follow** (<Operations1>) | | **Follow** (<Operations1>) | ), ;, . |
| 80 | **First** ( <numvalue><Operations1> ) | | **First** ( <numvalue> ) | intlit, id, ++, -- |
| 81 | **First** ( ( <value1> ) <Op1> ; ) | | **First** ( ( ) | ( |
| 82 | **First** ( <mathOp><OpInt> ) | | **First** ( <mathOp> ) | +, -, \*, /, % |
| 83 | (**First** (λ) – λ) **∪ Follow** (<Op1>) | | **Follow** (<Op1>) | ;, ), . |
| 84 | **First** ( doublelit ) | | **First** ( doublelit ) | doublelit |
| 85 | **First** ( <numelement> ) | | **First** ( <numelement> ) | id, ++, -- |
| 86 | **First** ( <mathOp><value2> ) | | **First** ( <mathOp> ) | +, -, \*, /, % |
| 87 | (**First** (λ) – λ) **∪ Follow** (<Operations2>) | | **Follow** (<Operations2>) | ), ;, . |
| 88 | **First** ( <doublevalue><Operations2> ) | | **First** ( <doublevalue> ) | doublelit, id, ++, -- |
| 89 | **First** ( ( <value2> ) <Op2> ) | | **First** ( ( ) | ( |
| 90 | **First** ( <mathOp><OpDouble> ) | | **First** ( <mathOp> ) | +, -, \*, /, % |
| 91 | (**First** (λ) – λ) **∪ Follow** (<Op2>) | | **Follow** (<Op2>) | ), ;, . |
| 92 | **First** ( + ) | | **First** ( + ) | + |
| 93 | **First** ( - ) | | **First** ( - ) | - |
| 94 | **First** ( \* ) | | **First** ( \* ) | \* |
| 95 | **First** ( / ) | | **First** ( / ) | / |
| 96 | **First** ( % ) | | **First** ( % ) | % |
| 97 | **First** ( ++ ) | | **First** ( ++ ) | ++ |
| 98 | **First** ( -- ) | | **First** ( -- ) | -- |
| 99 | **First** ( == ) | | **First** ( == ) | == |
| 100 | **First** ( != ) | | **First** ( != ) | != |
| 101 | **First** ( > ) | | **First** ( > ) | > |
| 102 | **First** ( < ) | | **First** ( < ) | < |
| 103 | **First** ( >= ) | | **First** ( >= ) | >= |
| 104 | **First** ( <= ) | | **First** ( <= ) | <= |
| 105 | **First** ( && ) | | **First** ( && ) | && |
| 106 | **First** ( || ) | | **First** ( || ) | || |
| 107 | **First** ( ! ) | | **First** ( ! ) | ! |
| 108 | (**First** (λ) – λ) **∪ Follow** (<logop2>) | | **Follow** (<logop2>) | boollit, id, ( |
| 109 | **First** ( <statements> ) | | **First** ( <statements> ) | Var, Clear, id, Int, Char, Boolean, Double, String, ++, --, Object, Until, Do, For, Array, If, Read, Say, Option |
| 110 | **First** ( <functions> .<statements> ) | | **First** ( <functions> ) | Var, Clear, id, Int, Char, Boolean, Double, String, ++, --, Object, Until, Do, For, Array, If, Read, Say, Option |
| 111 | (**First** (λ) – λ) **∪ Follow** (<statements>) | | **Follow** ( <statements> ) | Stop, ., End |
| 112 | **First** ( Var <vardec> ) | | **First** ( Var ) | Var |
| 113 | **First** ( <varinit> ) | | **First** ( <varinit> ) | Int, Char, Boolean, Double, String |
| 114 | **First** ( <array> ) | | **First** ( <array> ) | Array |
| 115 | **First** ( Clear ) | | **First** ( Clear ) | Clear |
| 116 | **First** ( id <id\_choices> ) | | **First** ( id ) | id |
| 117 | **First** ( <incdec> id <subelement> ) | | **First** ( <incdec> ) | ++, -- |
| 118 | **First** ( <io\_statement> ) | | **First** ( <io\_statement> ) | Read, Say |
| 119 | **First** ( <objvar> ) | | **First** ( <objvar> ) | Object |
| 120 | **First** ( <IfOtherwise> ) | | **First** ( <IfOtherwise> ) | If |
| 121 | **First** ( <loopstate> ) | | **First** ( <loopstate> ) | Until, Do, For |
| 122 | **First** ( <option> ) | | **First** ( <option> ) | Option |
| 123 | **First** ( <varinitINT> ) | | **First** ( <varinitINT> ) | Int |
| 124 | **First** ( <varinitDOUBLE> ) | | **First** ( <varinitDOUBLE> ) | Double |
| 125 | **First** ( <varinitCHAR> ) | | **First** ( <varinitCHAR> ) | Char |
| 126 | **First** ( <varinitSTRING> ) | | **First** ( <varinitSTRING> ) | String |
| 127 | **First** ( <varinitBOOLEAN> ) | | **First** ( <varinitBOOLEAN> ) | Boolean |
| 128 | **First** ( Int id = <INT> ) | | **First** ( Int ) | Int |
| 129 | **First** ( Double id = <DOUBLE> ) | | **First** ( Double ) | Double |
| 130 | **First** ( Char id = <CHAR> ) | | **First** ( Char ) | Char |
| 131 | **First** ( String id = <STRING> ) | | **First** ( String ) | String |
| 132 | **First** ( Boolean id = <BOOLEAN> ) | | **First** ( Boolean ) | Boolean |
| 133 | **First** ( <value1> ) | | **First** ( <value1> ) | (, intlit, id, ++, -- |
| 134 | **First** ( <task\_id> ) | | **First** ( <task\_id> ) | id |
| 135 | **First** ( <value2> ) | | **First** ( <value2> ) | (, doublelit, id, ++, -- |
| 136 | **First** ( <task\_id> ) | | **First** ( <task\_id> ) | id |
| 137 | **First** ( <value3> ) | | **First** ( <value3> ) | charlit |
| 138 | **First** ( <task\_id> ) | | **First** ( <task\_id> ) | id |
| 139 | **First** ( <value4> ) | | **First** ( <value4> ) | stringlit |
| 140 | **First** ( <task\_id> ) | | **First** ( <task\_id> ) | id |
| 141 | **First** ( <value5> ) | | **First** ( <value5> ) | boollit |
| 142 | **First** ( <task\_id> ) | | **First** ( <task\_id> ) | id |
| 143 | **First** ( id ( <param> ) ) | | **First** ( id ) | id |
| 144 | **First** ( <value><params> ) | | **First** ( <value> ) | intlit, doublelit, charlit, stringlit, boollit, id |
| 145 | (**First** (λ) – λ) **∪ Follow** (<param>) | | **Follow** (<param>) | ) |
| 146 | **First** ( ; <param> ) | | **First** ( ; ) | ; |
| 147 | (**First** (λ) – λ) **∪ Follow** (<params>) | | **Follow** (<params>) | ) |
| 148 | **First** ( intlit ) | | **First** ( intlit ) | intlit |
| 149 | **First** ( doublelit ) | | **First** ( doublelit ) | doublelit |
| 150 | **First** ( charlit ) | | **First** ( charlit ) | charlit |
| 151 | **First** ( stringlit ) | | **First** ( stringlit ) | stringlit |
| 152 | **First** ( boollit ) | | **First** ( boollit ) | boollit |
| 153 | **First** ( <input\_id> ) | | **First** ( <input\_id> ) | id |
| 154 | **First** ( <input> ) | | **First** ( <input> ) | Read |
| 155 | **First** ( <output> ) | | **First** ( <output> ) | Say |
| 156 | **First** ( Read id ) | | **First** ( Read ) | Read |
| 157 | **First** ( Say <input\_statement> ) | | **First** ( Say ) | Say |
| 158 | **First** ( stringlit <concat> ) | | **First** ( stringlit ) | stringlit |
| 159 | **First** ( <input\_id><concat> ) | | **First** ( <input\_id> ) | id |
| 160 | **First** ( , <concat\_value><concat> ) | | **First** ( , ) | , |
| 161 | (**First** (λ) – λ) **∪ Follow** (<concat>) | | **Follow** (<concat>) | . |
| 162 | **First** ( stringlit ) | | **First** ( stringlit ) | stringlit |
| 163 | **First** ( <input\_id> ) | | **First** ( <input\_id> ) | id |
| 164 | **First** ( @ id <subelement> ) | | **First** ( @ ) | @ |
| 165 | (**First** (λ) – λ) **∪ Follow** (<subelement>) | | **Follow** (<subelement>) | @, ++, --, Start, ,, ., &&, ||, >=, <=, <, >, ==, !=, ;, ) |
| 166 | **First** ( id <subelement> ) | | **First** ( id ) | id |
| 167 | **First** ( [ <index> ] ) | | **First** ( [ ) | [ |
| 168 | (**First** (λ) – λ) **∪ Follow** (<multi>) | | **Follow** (<multi>) | = |
| 169 | **First** ( intlit ) | | **First** ( intlit ) | intlit |
| 170 | **First** ( id ) | | **First** ( id ) | id |
| 171 | **First** ( If ( <conditions> ) <cond\_loop><or><otherwise>EndIf ) | | **First** ( if ) | If |
| 172 | **First** ( Or ( <conditions> ) <cond\_loop><or> ) | | **First** ( Or ) | Or |
| 173 | (**First** (λ) – λ) **∪ Follow** (<or>) | | **Follow** (<or>) | id, !, boollit, (, Otherwise |
| 174 | **First** ( Otherwise <cond\_loop><control> ) | | **First** ( Otherwise ) | Otherwise |
| 175 | (**First** (λ) – λ) **∪ Follow** (<otherwise>) | | **Follow** (<otherwise>) | EndIf |
| 176 | **First** ( <functions> .<control><cond\_loop> ) | | **First** ( ) | Var, Clear, id, Int, Char, Boolean, Double, String, ++, --, Object, Until, Do, For, Array, If, Read, Say, Option |
| 177 | (**First** (λ) – λ) **∪ Follow** (<cond\_loop>) | | **Follow** (<cond\_loop>) | Loop, LoopIf, Skip, Stop, Or, id, !, boollit, (, ), EndIf, Otherwise |
| 178 | **First** ( Skip . ) | | **First** ( Skip ) | Skip |
| 179 | **First** ( Stop . ) | | **First** ( Stop ) | Stop |
| 180 | (**First** (λ) – λ) **∪ Follow** (<control>) | | **Follow** (<control>) | Var, Clear, id, Int, Char, Boolean, Double, String, ++, --, Object, Until, Do, For, Array, If, Read, Say, Option, Loop, LoopIf, Skip, Stop, Or, !, boollit, (, ), EndIf, Otherwise |
| 181 | **First** ( <ids><condsTail> ) | | **First** ( <ids> ) | id, !, boollit |
| 182 | **First** ( <logop2><multiconds> ) | | **First** ( <logop2> ) | !, ( |
| 183 | **First** ( ( <conditions> ) <condsTail> ) | | **First** ( ( ) | ( |
| 184 | **First** ( <input\_id> ) | | **First** ( <input\_id> ) | id |
| 185 | **First** ( <logop2><ids\_null> ) | | **First** ( <logop2> ) | !,boollit, id |
| 186 | **First** ( <value5> ) | | **First** ( <value5> ) | boollit |
| 187 | **First** ( <task\_id> ) | | **First** ( <task\_id> ) | id |
| 188 | **First** ( <logOps> ) | | **First** ( logOps ) | &&, || |
| 189 | **First** ( <relOps> ) | | **First** ( relOps ) | >=, <=, <, >, ==, != |
| 190 | (**First** (λ) – λ) **∪ Follow** (<condsTail>) | | **Follow** (<condsTail>) | ) |
| 191 | **First** ( <logop1><conditions> ) | | **First** ( <logop1> ) | &&, || |
| 192 | (**First** (λ) – λ) **∪ Follow** (<logOps>) | | **Follow** (<logOps>) | ) |
| 193 | **First** ( <relopNum><numval> ) | | **First** ( <relopNum> ) | >=, <=, <, > |
| 194 | **First** ( <relopText><value> ) | | **First** ( <relopText> ) | ==, != |
| 195 | **First** ( >= ) | | **First** ( >= ) | >= |
| 196 | **First** ( <= ) | | **First** ( <= ) | <= |
| 197 | **First** ( < ) | | **First** ( < ) | < |
| 198 | **First** ( > ) | | **First** ( > ) | > |
| 199 | **First** ( == ) | | **First** ( == ) | == |
| 200 | **First** ( != ) | | **First** ( != ) | != |
| 201 | **First** ( intlit ) | | **First** ( intlit ) | intlit |
| 202 | **First** ( doublelit ) | | **First** ( doublelit ) | doublelit |
| 203 | **First** ( Option <input\_id> Start State <optiontails> ) | | **First** ( Option ) | Option |
| 204 | **First** ( <optiontail1> ) | | **First** ( <optiontail1> ) | intlit |
| 205 | **First** ( <optiontail2> ) | | **First** ( <optiontail2> ) | charlit |
| 206 | **First** ( <optiontail3> ) | | **First** ( <optiontail3> ) | stringlit |
| 207 | **First** ( intlit :<statements> Stop . <state1><default> End ) | | **First** ( intlit ) | intlit |
| 208 | **First** ( charlit :<statements> Stop . <state2><default> End ) | | **First** ( charlit ) | charlit |
| 209 | **First** ( stringlit :<statements> Stop . <state3><default> End ) | | **First** ( stringlit ) | stringlit |
| 210 | **First** ( State intlit :<statements> Stop . <state1> ) | | **First** ( State ) | State |
| 211 | (**First** (λ) – λ) **∪ Follow** (<state1>) | | **Follow** (<state1>) | Var, Clear, id, Int, Char, Boolean, Double, String, ++, --, Object, Until, Do, For, Array, If, Read, Say, Option, Default |
| 212 | **First** ( State charlit :<statements> Stop . <state2> ) | | **First** ( State ) | State |
| 213 | (**First** (λ) – λ) **∪ Follow** (<state2>) | | **Follow** (<state2>) | Var, Clear, id, Int, Char, Boolean, Double, String, ++, --, Object, Until, Do, For, Array, If, Read, Say, Option, Default |
| 214 | **First** ( State stringlit :<statements> Stop . <state3> ) | | **First** ( State ) | State |
| 215 | (**First** (λ) – λ) **∪ Follow** (<state3>) | | **Follow** (<state3>) | Var, Clear, id, Int, Char, Boolean, Double, String, ++, --, Object, Until, Do, For, Array, If, Read, Say, Option, Default |
| 216 | **First** ( Default :<statements> ) | | **First** ( Default ) | Default |
| 217 | (**First** (λ) – λ) **∪ Follow** (<default>) | | **Follow** (<default>) | End |
| 218 | **First** ( <incdec> id ) | | **First** ( <incdec> ) | ++, -- |
| 219 | **First** ( id <incdec> ) | | **First** ( id ) | id |
| 220 | (**First** (λ) – λ) **∪ Follow** (<incdecvar>) | | **Follow** (<incdecvar>) | ) |
| 221 | **First** ( Until ( <conditions> ) <cond\_loop> Loop ) | | **First** ( Until ) | Until |
| 222 | **First** ( Do <cond\_loop>LoopIf( <conditions> ) ) | | **First** ( Do ) | Do |
| 223 | **First** ( For ( <initialize> ; <cond> ; <incdecvar> ) <cond\_loop> Loop ) | | **First** ( For ) | For |
| 224 | **First** ( id = intlit ) | | **First** ( id ) | id |
| 225 | (**First** (λ) – λ) **∪ Follow** (<initialize>) | | **Follow** (<initialize>) | ; |
| 226 | **First** ( id <relop1>intlit ) | | **First** ( id ) | id |
| 227 | (**First** (λ) – λ) **∪ Follow** (<cond>) | | **Follow** (<cond>) | ; |
| 228 | **First** ( Task <returntype>End .<taskdef> ) | | **First** ( Task ) | Task |
| 229 | (**First** (λ) – λ) **∪ Follow** (<taskdef>) | | **Follow** (<taskdef>) | # |
| 230 | **First** ( Int id :<taskbody> . Response <returnINT> . ) | | **First** ( Int ) | Int |
| 231 | **First** ( Double id :<taskbody> . Response <returnDOUBLE> . ) | | **First** ( Double ) | Double |
| 232 | **First** ( Char id :<taskbody> . Response <returnCHAR> . ) | | **First** ( Char ) | Char |
| 233 | **First** ( String id :<taskbody> . Response <returnSTRING> . ) | | **First** ( String ) | String |
| 234 | **First** ( Boolean id :<taskbody> . Response <returnBOOLEAN> . ) | | **First** ( Boolean ) | Boolean |
| 235 | **First** ( Null id :<taskbody> . ) | | **First** ( Null ) | Null |
| 236 | **First** ( Start <statements> ) | | **First** ( Start ) | Start |
| 237 | **First** ( intlit ) | | **First** ( intlit ) | intlit |
| 238 | **First** ( id <returntail> ) | | **First** ( id ) | id |
| 239 | **First** ( doublelit ) | | **First** ( doublelit ) | doublelit |
| 240 | **First** ( id <returntail> ) | | **First** ( id ) | id |
| 241 | **First** ( charlit ) | | **First** ( charlit ) | charlit |
| 242 | **First** ( id <returntail> ) | | **First** ( id ) | id |
| 243 | **First** ( stringlit ) | | **First** ( stringlit ) | stringlit |
| 244 | **First** ( id <returntail> ) | | **First** ( id ) | id |
| 245 | **First** ( boollit ) | | **First** ( boollit ) | boollit |
| 246 | **First** ( id <returntail> ) | | **First** ( id ) | id |
| 247 | **First** ( ( <param> ) ) | | **First** ( ( ) | ( |
| 248 | **First** ( <subelement> ) | | **First** ( <subelement> ) | @ |
| 249 | (**First** (λ) – λ) **∪ Follow** (<returntail>) | | **Follow** (<returntail>) | . |
| 250 | **First** ( <program># ) | | **First** ( <program> ) | Lead, Let, Var, Task, Array, Object |