**Predict Set**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| # |  | PREDICT SET | |  | |
|  | **First** ( <global>Lead : Start <body> End . <taskdef> ) | | **First** ( <global> ) | | Let, Var, Task, Array, Object, Lead |
|  | **First** ( <global\_choice> .<global> ) | | **First** (<global\_choice> ) | | Let, Var, Task, Array, Object |
|  | (**First** (λ) – λ) **∪ Follow** (<global>) | | **Follow** (<global>) | | Lead |
|  | **First** ( <varlet> ) | | **First** ( <varlet> ) | | Let, Var |
|  | **First** ( <array> ) | | **First** ( <array> ) | | Array |
|  | **First** ( <task> ) | | **First** ( <task> ) | | Task |
|  | **First** ( <object> ) | | **First** ( <object> ) | | Object |
|  | **First** ( Int ) | | **First** ( Int ) | | Int |
|  | **First** ( Double ) | | **First** ( Double ) | | Double |
|  | **First** ( Char ) | | **First** ( Char ) | | Char |
|  | **First** ( String ) | | **First** ( String ) | | String |
|  | **First** ( Boolean ) | | **First** ( Boolean ) | | Boolean |
|  | **First** ( Object id Start Var<dtype>id .<objdec\_choice> End <varname> ) | | **First** ( Object ) | | Object |
|  | **First** ( <objvar> .<objdec\_choice> ) | | **First** ( <objvar> ) | | Object |
|  | **First** ( <var> .<objdec\_choice> ) | | **First** ( <var> ) | | Var |
|  | (**First** (λ) – λ) **∪ Follow** (<objdec\_choice>) | | **Follow** (<objdec\_choice>) | | End |
|  | **First** ( Var<dtype> id ) | | **First** ( Var ) | | Var |
|  | **First** ( Object id id ) | | **First** ( Object ) | | Object |
|  | **First** ( id <varnames> ) | | **First** ( id ) | | id |
|  | (**First** (λ) – λ) **∪ Follow** (<varname>) | | **Follow** (<varname>) | | . |
|  | **First** ( ; <varname> ) | | **First** ( ; ) | | ; |
|  | (**First** (λ) – λ) **∪ Follow** (<varnames>) | | **Follow** (<varnames>) | | . |
|  | **First** ( Task <return> id <tparam> ) | | **First** ( Task ) | | Task |
|  | **First** ( Null ) | | **First** ( Null ) | | Null |
|  | **First** ( <dtype> ) | | **First** ( <dtype> ) | | Int, Double, Char, String, Boolean |
|  | **First** ( ( Var<dtype> id <tparams> ) ) | | **First** ( ( ) | | ( |
|  | (**First** (λ) – λ) **∪ Follow** (<tparam>) | | **Follow** (<tparam>) | | . |
|  | **First** ( ; Var <dtype> id <tparams> ) | | **First** ( ; ) | | ; |
|  | (**First** (λ) – λ) **∪ Follow** (<tparams>) | | **Follow** (<tparams>) | | ) |
|  | **First** ( Array <dtype> id of <size> ) | | **First** ( Array ) | | Array |
|  | **First** ( intlit<sizes> ) | | **First** ( intlit ) | | intlit |
|  | **First** ( by intlit ) | | **First** ( by ) | | by |
|  | (**First** (λ) – λ) **∪ Follow** (<sizes>) | | **Follow** (<sizes>) | | . |
|  | **First** ( Let <vardec> ) | | **First** ( Let ) | | Let |
|  | **First** ( Var<vardec> ) | | **First** ( Var ) | | Var |
|  | **First** ( <varINT> ) | | **First** ( <varINT> ) | | Int |
|  | **First** ( <varDOUBLE> ) | | **First** ( <varDOUBLE> ) | | Double |
|  | **First** ( <varCHAR> ) | | **First** ( <varCHAR> ) | | Char |
|  | **First** ( <varSTRING> ) | | **First** ( <varSTRING> ) | | String |
|  | **First** ( <varBOOLEAN> ) | | **First** ( <varBOOLEAN> ) | | Boolean |
|  | **First** ( Int id <initINT> ) | | **First** ( Int ) | | Int |
|  | **First** ( is <value1><ids1> ) | | **First** ( is ) | | is |
|  | **First** ( <ids1> ) | | **First** ( <ids1> ) | | ; |
|  | **First** ( Double id <initDOUBLE> ) | | **First** ( Double ) | | Double |
|  | **First** ( is <value2><ids2> ) | | **First** ( is ) | | is |
|  | **First** ( <ids2> ) | | **First** ( <ids2> ) | | ; |
|  | **First** ( Char id <initCHAR> ) | | **First** ( Char ) | | Char |
|  | **First** ( is <value3><ids3> ) | | **First** ( is ) | | is |
|  | **First** ( <ids3> ) | | **First** ( <ids3> ) | | ; |
|  | **First** ( String id <initSTRING> ) | | **First** ( String ) | | String |
|  | **First** ( is <value4><ids4> ) | | **First** ( is ) | | is |
|  | **First** ( <ids4> ) | | **First** ( <ids4> ) | | ; |
|  | **First** ( Boolean id <initBOOLEAN> ) | | **First** ( Boolean ) | | Boolean |
|  | **First** ( is <value5><ids5> ) | | **First** ( is ) | | is |
|  | **First** ( <ids5> ) | | **First** ( <ids5> ) | | ; |
|  | **First** ( ; id is <ids1\_tail> ) | | **First** ( ; ) | | ; |
|  | (**First** (λ) – λ) **∪ Follow** (<ids1>) | | **Follow** (<ids1>) | | . |
|  | **First** ( ; id is < ids2\_tail> ) | | **First** ( ; ) | | ; |
|  | (**First** (λ) – λ) **∪ Follow** (<ids2>) | | **Follow** (<ids2>) | | . |
|  | **First** ( ; id is < ids3\_tail> ) | | **First** ( ; ) | | ; |
|  | (**First** (λ) – λ) **∪ Follow** (<ids3>) | | **Follow** (<ids3>) | | . |
|  | **First** ( ; id is <ids4\_tail> ) | | **First** ( ; ) | | ; |
|  | (**First** (λ) – λ) **∪ Follow** (<ids4>) | | **Follow** (<ids4>) | | . |
|  | **First** ( ; id is <ids5\_tail> ) | | **First** ( ; ) | | ; |
|  | (**First** (λ) – λ) **∪ Follow** (<ids5>) | | **Follow** (<ids5>) | | . |
|  | **First** ( is <value1> <ids1> ) | | **First** ( is ) | | is |
|  | **First** ( is <value2> <ids2> ) | | **First** ( is ) | | is |
|  | **First** ( is <value3> <ids3> ) | | **First** ( is ) | | is |
|  | **First** ( is <value4> <ids4> ) | | **First** ( is ) | | is |
|  | **First** ( is <value5> <ids5> ) | | **First** ( is ) | | is |
|  | **First** ( <numvalue><Operations1> ) | | **First** ( <numvalue> ) | | intlit, id, ++, -- |
|  | **First** ( ( <value1> ) <Op1> ) | | **First** ( ( ) | | ( |
|  | **First** ( <doublevalue><Operations2> ) | | **First** ( <doublevalue> ) | | doublelit, id, ++, -- |
|  | **First** ( ( <value2> ) <Op2> ) | | **First** ( ( ) | | ( |
|  | **First** ( charlit ) | | **First** ( charlit ) | | charlit |
|  | **First** ( stringlit ) | | **First** ( stringlit ) | | stringlit |
|  | **First** ( boollit ) | | **First** ( boollit ) | | boollit |
|  | **First** ( intlit ) | | **First** ( intlit ) | | intlit |
|  | **First** ( <numelement> ) | | **First** ( <numelement> ) | | id, ++, -- |
|  | **First** ( <incdec\_null> id <subelement><incdec\_null> ; ) | | **First** ( <incdec\_null> ) | | ++, --, id |
|  | **First** ( <incdec> ) | | **First** ( <incdec> ) | | ++, -- |
|  | (**First** (λ) – λ) **∪ Follow** (<incdec\_null>) | | **Follow** (<incdec\_null>) | | id, ; |
|  | **First** ( <mathOp><value1> ) | | **First** ( <mathOp> ) | | +, -, \*, /, % |
|  | (**First** (λ) – λ) **∪ Follow** (<Operations1>) | | **Follow** (<Operations1>) | | ), ;, . |
|  | **First** ( <numvalue><Operations1> ) | | **First** ( <numvalue> ) | | intlit, id, ++, -- |
|  | **First** ( ( <value1> ) <Op1> ; ) | | **First** ( ( ) | | ( |
|  | **First** ( <mathOp><OpInt> ) | | **First** ( <mathOp> ) | | +, -, \*, /, % |
|  | (**First** (λ) – λ) **∪ Follow** (<Op1>) | | **Follow** (<Op1>) | | ;, ), . |
|  | **First** ( doublelit ) | | **First** ( doublelit ) | | doublelit |
|  | **First** ( <numelement> ) | | **First** ( <numelement> ) | | id, ++, -- |
|  | **First** ( <mathOp><value2> ) | | **First** ( <mathOp> ) | | +, -, \*, /, % |
|  | (**First** (λ) – λ) **∪ Follow** (<Operations2>) | | **Follow** (<Operations2>) | | ), ;, . |
|  | **First** ( <doublevalue><Operations2> ) | | **First** ( <doublevalue> ) | | doublelit, id, ++, -- |
|  | **First** ( ( <value2> ) <Op2> ) | | **First** ( ( ) | | ( |
|  | **First** ( <mathOp><OpDouble> ) | | **First** ( <mathOp> ) | | +, -, \*, /, % |
|  | (**First** (λ) – λ) **∪ Follow** (<Op2>) | | **Follow** (<Op2>) | | ), ;, . |
|  | **First** ( + ) | | **First** ( + ) | | + |
|  | **First** ( - ) | | **First** ( - ) | | - |
|  | **First** ( \* ) | | **First** ( \* ) | | \* |
|  | **First** ( / ) | | **First** ( / ) | | / |
|  | **First** ( % ) | | **First** ( % ) | | % |
|  | **First** ( ++ ) | | **First** ( ++ ) | | ++ |
|  | **First** ( -- ) | | **First** ( -- ) | | -- |
|  | **First** ( == ) | | **First** ( == ) | | == |
|  | **First** ( != ) | | **First** ( != ) | | != |
|  | **First** ( > ) | | **First** ( > ) | | > |
|  | **First** ( < ) | | **First** ( < ) | | < |
|  | **First** ( >= ) | | **First** ( >= ) | | >= |
|  | **First** ( <= ) | | **First** ( <= ) | | <= |
|  | **First** ( && ) | | **First** ( && ) | | && |
|  | **First** ( || ) | | **First** ( || ) | | || |
|  | **First** ( ! ) | | **First** ( ! ) | | ! |
|  | (**First** (λ) – λ) **∪ Follow** (<logop2>) | | **Follow** (<logop2>) | | boollit, id, ( |
|  | **First** ( <statements> ) | | **First** ( <statements> ) | | Var, Clear, id, Int, Char, Boolean, Double, String, ++, --, Object, Until, Do, For, Array, If, Read, Say, Option |
|  | **First** ( <functions> .<statements> ) | | **First** ( <functions> ) | | Var, Clear, id, Int, Char, Boolean, Double, String, ++, --, Object, Until, Do, For, Array, If, Read, Say, Option |
|  | (**First** (λ) – λ) **∪ Follow** (<statements>) | | **Follow** ( <statements> ) | | Stop, ., End |
|  | **First** ( Var <vardec> ) | | **First** ( Var ) | | Var |
|  | **First** ( <varinit> ) | | **First** ( <varinit> ) | | Int, Char, Boolean, Double, String |
|  | **First** ( <array> ) | | **First** ( <array> ) | | Array |
|  | **First** ( Clear ) | | **First** ( Clear ) | | Clear |
|  | **First** ( id <id\_choices> ) | | **First** ( id ) | | id |
|  | **First** ( <incdec> id <subelement> ) | | **First** ( <incdec> ) | | ++, -- |
|  | **First** ( <io\_statement> ) | | **First** ( <io\_statement> ) | | Read, Say |
|  | **First** ( <objvar> ) | | **First** ( <objvar> ) | | Object |
|  | **First** ( <IfOtherwise> ) | | **First** ( <IfOtherwise> ) | | If |
|  | **First** ( <loopstate> ) | | **First** ( <loopstate> ) | | Until, Do, For |
|  | **First** ( <option> ) | | **First** ( <option> ) | | Option |
|  | **First** ( <varinitINT> ) | | **First** ( <varinitINT> ) | | Int |
|  | **First** ( <varinitDOUBLE> ) | | **First** ( <varinitDOUBLE> ) | | Double |
|  | **First** ( <varinitCHAR> ) | | **First** ( <varinitCHAR> ) | | Char |
|  | **First** ( <varinitSTRING> ) | | **First** ( <varinitSTRING> ) | | String |
|  | **First** ( <varinitBOOLEAN> ) | | **First** ( <varinitBOOLEAN> ) | | Boolean |
|  | **First** ( Int id = <INT> ) | | **First** ( Int ) | | Int |
|  | **First** ( Double id = <DOUBLE> ) | | **First** ( Double ) | | Double |
|  | **First** ( Char id = <CHAR> ) | | **First** ( Char ) | | Char |
|  | **First** ( String id = <STRING> ) | | **First** ( String ) | | String |
|  | **First** ( Boolean id = <BOOLEAN> ) | | **First** ( Boolean ) | | Boolean |
|  | **First** ( <value1> ) | | **First** ( <value1> ) | | (, intlit, id, ++, -- |
|  | **First** ( <task\_id> ) | | **First** ( <task\_id> ) | | id |
|  | **First** ( <value2> ) | | **First** ( <value2> ) | | (, doublelit, id, ++, -- |
|  | **First** ( <task\_id> ) | | **First** ( <task\_id> ) | | id |
|  | **First** ( <value3> ) | | **First** ( <value3> ) | | charlit |
|  | **First** ( <task\_id> ) | | **First** ( <task\_id> ) | | id |
|  | **First** ( <value4> ) | | **First** ( <value4> ) | | stringlit |
|  | **First** ( <task\_id> ) | | **First** ( <task\_id> ) | | id |
|  | **First** ( <value5> ) | | **First** ( <value5> ) | | boollit |
|  | **First** ( <task\_id> ) | | **First** ( <task\_id> ) | | id |
|  | **First** ( id ( <param> ) ) | | **First** ( id ) | | id |
|  | **First** ( <value><params> ) | | **First** ( <value> ) | | intlit, doublelit, charlit, stringlit, boollit, id |
|  | (**First** (λ) – λ) **∪ Follow** (<param>) | | **Follow** (<param>) | | ) |
|  | **First** ( ; <param> ) | | **First** ( ; ) | | ; |
|  | (**First** (λ) – λ) **∪ Follow** (<params>) | | **Follow** (<params>) | | ) |
|  | **First** ( intlit ) | | **First** ( intlit ) | | intlit |
|  | **First** ( doublelit ) | | **First** ( doublelit ) | | doublelit |
|  | **First** ( charlit ) | | **First** ( charlit ) | | charlit |
|  | **First** ( stringlit ) | | **First** ( stringlit ) | | stringlit |
|  | **First** ( boollit ) | | **First** ( boollit ) | | boollit |
|  | **First** ( <input\_id> ) | | **First** ( <input\_id> ) | | id |
|  | **First** ( <input> ) | | **First** ( <input> ) | | Read |
|  | **First** ( <output> ) | | **First** ( <output> ) | | Say |
|  | **First** ( Read id ) | | **First** ( Read ) | | Read |
|  | **First** ( Say <input\_statement> ) | | **First** ( Say ) | | Say |
|  | **First** ( stringlit <concat> ) | | **First** ( stringlit ) | | stringlit |
|  | **First** ( <input\_id><concat> ) | | **First** ( <input\_id> ) | | id |
|  | **First** ( , <concat\_value><concat> ) | | **First** ( , ) | | , |
|  | (**First** (λ) – λ) **∪ Follow** (<concat>) | | **Follow** (<concat>) | | . |
|  | **First** ( stringlit ) | | **First** ( stringlit ) | | stringlit |
|  | **First** ( <input\_id> ) | | **First** ( <input\_id> ) | | id |
|  | **First** ( @ id <subelement> ) | | **First** ( @ ) | | @ |
|  | (**First** (λ) – λ) **∪ Follow** (<subelement>) | | **Follow** (<subelement>) | | @, ++, --, Start, ,, ., &&, ||, >=, <=, <, >, ==, !=, ;, ) |
|  | **First** ( id <subelement> ) | | **First** ( id ) | | id |
|  | **First** ( [ <index> ] ) | | **First** ( [ ) | | [ |
|  | (**First** (λ) – λ) **∪ Follow** (<multi>) | | **Follow** (<multi>) | | = |
|  | **First** ( intlit ) | | **First** ( intlit ) | | intlit |
|  | **First** ( id ) | | **First** ( id ) | | id |
|  | **First** ( If ( <conditions> ) <cond\_loop><or><otherwise>EndIf ) | | **First** ( if ) | | If |
|  | **First** ( Or ( <conditions> ) <cond\_loop><or> ) | | **First** ( Or ) | | Or |
|  | (**First** (λ) – λ) **∪ Follow** (<or>) | | **Follow** (<or>) | | id, !, boollit, (, Otherwise |
|  | **First** ( Otherwise <cond\_loop><control> ) | | **First** ( Otherwise ) | | Otherwise |
|  | (**First** (λ) – λ) **∪ Follow** (<otherwise>) | | **Follow** (<otherwise>) | | EndIf |
|  | **First** ( <functions> .<control><cond\_loop> ) | | **First** ( ) | | Var, Clear, id, Int, Char, Boolean, Double, String, ++, --, Object, Until, Do, For, Array, If, Read, Say, Option |
|  | (**First** (λ) – λ) **∪ Follow** (<cond\_loop>) | | **Follow** (<cond\_loop>) | | Loop, LoopIf, Skip, Stop, Or, id, !, boollit, (, ), EndIf, Otherwise |
|  | **First** ( Skip . ) | | **First** ( Skip ) | | Skip |
|  | **First** ( Stop . ) | | **First** ( Stop ) | | Stop |
|  | (**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 |
|  | **First** ( <ids><condsTail> ) | | **First** ( <ids> ) | | id, !, boollit |
|  | **First** ( <logop2><multiconds> ) | | **First** ( <logop2> ) | | !, ( |
|  | **First** ( ( <conditions> ) <condsTail> ) | | **First** ( ( ) | | ( |
|  | **First** ( <input\_id> ) | | **First** ( <input\_id> ) | | id |
|  | **First** ( <logop2><ids\_null> ) | | **First** ( <logop2> ) | | !,boollit, id |
|  | **First** ( <value5> ) | | **First** ( <value5> ) | | boollit |
|  | **First** ( <task\_id> ) | | **First** ( <task\_id> ) | | id |
|  | **First** ( <logOps> ) | | **First** ( logOps ) | | &&, || |
|  | **First** ( <relOps> ) | | **First** ( relOps ) | | >=, <=, <, >, ==, != |
|  | (**First** (λ) – λ) **∪ Follow** (<condsTail>) | | **Follow** (<condsTail>) | | ) |
|  | **First** ( <logop1><conditions> ) | | **First** ( <logop1> ) | | &&, || |
|  | (**First** (λ) – λ) **∪ Follow** (<logOps>) | | **Follow** (<logOps>) | | ) |
|  | **First** ( <relopNum><numval> ) | | **First** ( <relopNum> ) | | >=, <=, <, > |
|  | **First** ( <relopText><value> ) | | **First** ( <relopText> ) | | ==, != |
|  | **First** ( >= ) | | **First** ( >= ) | | >= |
|  | **First** ( <= ) | | **First** ( <= ) | | <= |
|  | **First** ( < ) | | **First** ( < ) | | < |
|  | **First** ( > ) | | **First** ( > ) | | > |
|  | **First** ( == ) | | **First** ( == ) | | == |
|  | **First** ( != ) | | **First** ( != ) | | != |
|  | **First** ( intlit ) | | **First** ( intlit ) | | intlit |
|  | **First** ( doublelit ) | | **First** ( doublelit ) | | doublelit |
|  | **First** ( Option <input\_id> Start State <optiontails> ) | | **First** ( Option ) | | Option |
|  | **First** ( <optiontail1> ) | | **First** ( <optiontail1> ) | | intlit |
|  | **First** ( <optiontail2> ) | | **First** ( <optiontail2> ) | | charlit |
|  | **First** ( <optiontail3> ) | | **First** ( <optiontail3> ) | | stringlit |
|  | **First** ( intlit :<statements> Stop . <state1><default> End ) | | **First** ( intlit ) | | intlit |
|  | **First** ( charlit :<statements> Stop . <state2><default> End ) | | **First** ( charlit ) | | charlit |
|  | **First** ( stringlit :<statements> Stop . <state3><default> End ) | | **First** ( stringlit ) | | stringlit |
|  | **First** ( State intlit :<statements> Stop . <state1> ) | | **First** ( State ) | | State |
|  | (**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 |
|  | **First** ( State charlit :<statements> Stop . <state2> ) | | **First** ( State ) | | State |
|  | (**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 |
|  | **First** ( State stringlit :<statements> Stop . <state3> ) | | **First** ( State ) | | State |
|  | (**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 |
|  | **First** ( Default :<statements> ) | | **First** ( Default ) | | Default |
|  | (**First** (λ) – λ) **∪ Follow** (<default>) | | **Follow** (<default>) | | End |
|  | **First** ( <incdec> id ) | | **First** ( <incdec> ) | | ++, -- |
|  | **First** ( id <incdec> ) | | **First** ( id ) | | id |
|  | (**First** (λ) – λ) **∪ Follow** (<incdecvar>) | | **Follow** (<incdecvar>) | | ) |
|  | **First** ( Until ( <conditions> ) <cond\_loop> Loop ) | | **First** ( Until ) | | Until |
|  | **First** ( Do <cond\_loop>LoopIf( <conditions> ) ) | | **First** ( Do ) | | Do |
|  | **First** ( For ( <initialize> ; <cond> ; <incdecvar> ) <cond\_loop> Loop ) | | **First** ( For ) | | For |
|  | **First** ( id = intlit ) | | **First** ( id ) | | id |
|  | (**First** (λ) – λ) **∪ Follow** (<initialize>) | | **Follow** (<initialize>) | | ; |
|  | **First** ( id <relop1>intlit ) | | **First** ( id ) | | id |
|  | (**First** (λ) – λ) **∪ Follow** (<cond>) | | **Follow** (<cond>) | | ; |
|  | **First** ( Task <returntype>End .<taskdef> ) | | **First** ( Task ) | | Task |
|  | (**First** (λ) – λ) **∪ Follow** (<taskdef>) | | **Follow** (<taskdef>) | | # |
|  | **First** ( Int id :<taskbody> . Response <returnINT> . ) | | **First** ( Int ) | | Int |
|  | **First** ( Double id :<taskbody> . Response <returnDOUBLE> . ) | | **First** ( Double ) | | Double |
|  | **First** ( Char id :<taskbody> . Response <returnCHAR> . ) | | **First** ( Char ) | | Char |
|  | **First** ( String id :<taskbody> . Response <returnSTRING> . ) | | **First** ( String ) | | String |
|  | **First** ( Boolean id :<taskbody> . Response <returnBOOLEAN> . ) | | **First** ( Boolean ) | | Boolean |
|  | **First** ( Null id :<taskbody> . ) | | **First** ( Null ) | | Null |
|  | **First** ( Start <statements> ) | | **First** ( Start ) | | Start |
|  | **First** ( intlit ) | | **First** ( intlit ) | | intlit |
|  | **First** ( id <returntail> ) | | **First** ( id ) | | id |
|  | **First** ( doublelit ) | | **First** ( doublelit ) | | doublelit |
|  | **First** ( id <returntail> ) | | **First** ( id ) | | id |
|  | **First** ( charlit ) | | **First** ( charlit ) | | charlit |
|  | **First** ( id <returntail> ) | | **First** ( id ) | | id |
|  | **First** ( stringlit ) | | **First** ( stringlit ) | | stringlit |
|  | **First** ( id <returntail> ) | | **First** ( id ) | | id |
|  | **First** ( boollit ) | | **First** ( boollit ) | | boollit |
|  | **First** ( id <returntail> ) | | **First** ( id ) | | id |
|  | **First** ( ( <param> ) ) | | **First** ( ( ) | | ( |
|  | **First** ( <subelement> ) | | **First** ( <subelement> ) | | @ |
|  | (**First** (λ) – λ) **∪ Follow** (<returntail>) | | **Follow** (<returntail>) | | . |
|  | **First** ( <program># ) | | **First** ( <program> ) | | Lead, Let, Var, Task, Array, Object |